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1983 Commencement Program Ceremonies



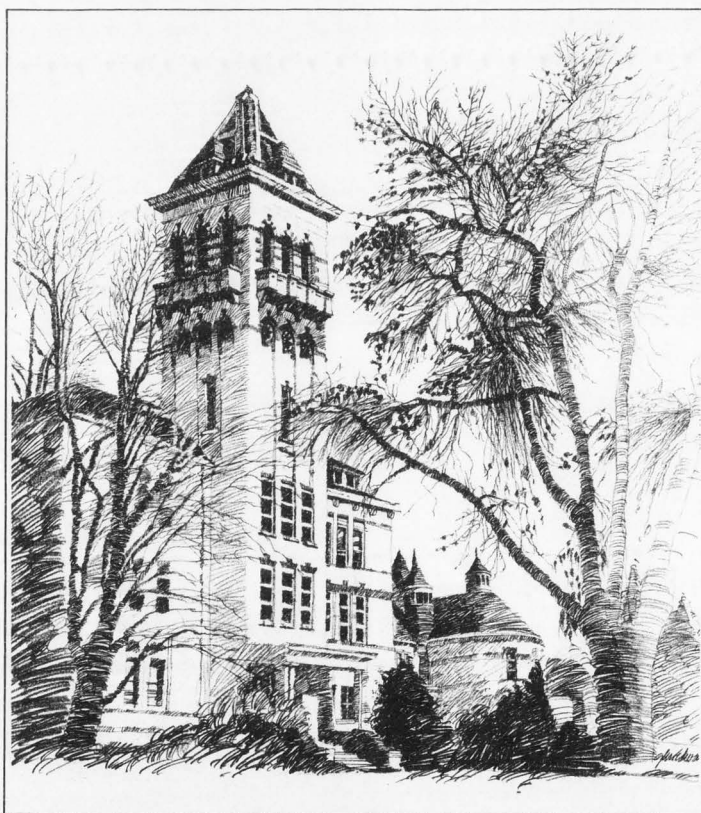


*The academic procession stretches from Old Main to the Spectrum.*





THE NINETIETH ANNUAL  
COMMENCEMENT CEREMONIES  
UTAH STATE UNIVERSITY



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JUNE 4

THE SPECTRUM

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1983

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# THE NINETIETH ANNUAL COMMENCEMENT

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## SCHEDULE OF EVENTS

Friday, June 3, 1983

RESERVE OFFICER TRAINING CORPS  
COMMISSIONING CEREMONIES

10:30 a.m., Taggart Student Center Auditorium

11:30 a.m., Reception, Taggart Student Center University Lounge

RECOGNITION AWARDS CEREMONIES

Honoring spouses of graduating students

1:00 p.m., Chase Fine Arts Center Morgan Theatre

COLLEGE OPEN HOUSES

3:00-4:30 p.m., college locations

PRESIDENT'S RECEPTION

A reception hosted by President and Mrs. Stanford Cazier for all graduates, their parents, and friends

4:30-6:00 p.m., Taggart Student Center Sunburst Lounge

GRADUATION SMORGASBORD DINNER

6:00 and 7:30 p.m., Taggart Student Center Carousel Square

GRADUATION POPS CONCERT

6:00 and 7:30 p.m., Chase Fine Arts Center Kent Concert Hall

Saturday, June 4, 1983

ACADEMIC PROCESSION

8:30 a.m., Old Main to Spectrum (via Eighth East Street)

COMMENCEMENT CEREMONIES

9:00 a.m., Spectrum

COMMENCEMENT PICNIC LUNCHEON

11:30 a.m. to 2:00 p.m., University Quadrangle

COLLEGE GRADUATION CEREMONIES

11:30 a.m.

College of Education, Chase Fine Arts Center Kent Concert Hall

College of Family Life, Chase Fine Arts Center Morgan Theatre

College of Humanities, Arts and Social Sciences, Spectrum

College of Natural Resources, University Amphitheatre (alternate location in case of bad weather, Natural Resources Auditorium)

College of Science, Taggart Student Center Ballroom

2:00 p.m.

College of Agriculture, Chase Fine Arts Center Morgan Theatre

College of Business, Spectrum

College of Engineering, Chase Fine Arts Center Kent Concert Hall

# Graduation

Saturday Morning, June 4, 1983  
9:00 a.m.

PRESIDENT STANFORD CAZIER, Conducting

## PROCESSIONAL

Grand March. . . . . Percy Fletcher

University Symphonic Band  
Max F. Dalby, Conductor

## NATIONAL ANTHEM

The Star Spangled Banner . . . . . Francis Scott Key

University Symphonic Band

## INVOCATION

Michelle Thompson  
Recipient, University Citizenship Award

## MUSICAL SELECTION

Washington Grays March. . . . . C. S. Grafulla

University Symphonic Band

## ADDRESS TO GRADUATES

K. Philip Hwang  
Chairman and Chief Executive Officer  
TeleVideo Systems, Inc.

## MUSICAL SELECTION

March to the Scaffold from "Sinfonie Fantastique" . . . . . Hector Berlioz

University Symphonic Band

Transcribed by Eric Leidzen

## CONFERRING OF DEGREES

Stanford Cazier  
President, Utah State University

## MUSICAL SELECTION

Alma Mater Hymn. . . . . Theodore M. Burton

University Symphonic Band

## BENEDICTION

M. Jeffrey Davis  
Recipient, University Citizenship Award

## RECESSIONAL

Regal Procession . . . . . Clifton Williams

University Symphonic Band

# Honor Graduates

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The quality of performance in academic work enables the following to be graduated with distinction. Those who have met residence requirements and have maintained a grade point average of 3.80 to 4.00 are graduated Magna Cum Laude; those whose average is 3.50 to 3.79, Cum Laude.

## Magna Cum Laude

Adkins, Kate K.  
Adomowicz, Joan Gayle  
Allen, Steven R.  
Allo, Simon N.  
Anderson, Mark R.  
Archibald, Paul L.  
Arnold, Janie K.  
Ashcroft, Gayle  
Baldwin, Guila  
Barnes, Michelle Louise  
Beaulieu, Jean Thomas  
Berg, Sven T.  
Birch, Warren Adair  
Bischoff, Jon E.  
Borthwick, Sandra Marie  
Bowen, Debra Sara  
Burgoyne, Roxana  
Carroll, Paul T.  
Clark, David J.  
Dalley, Amber Marie  
Davis, Melvin Jeffrey  
Dolid, Karen Elizabeth  
Douglas, Sue  
Downs, Kim Vern  
Downs, Ruth  
Farley, Michael A.  
Fay, Suzanne Marie  
Ferreira, Pamela Shephard  
Gattiker, Linda Kristine  
Goodman, Brenda  
Goodman, James Harold  
Greene, Kristin Lynn  
Grenon, Alan G.  
Griffin, Nancy Wadsworth  
Harmsen, Larry Harlan  
Harris, Julie Ann K.  
Hatch, Janis Hyer  
Hill, Donna Lynn  
Hintze, Susan Lee Allman  
Hoggan, Kay  
Homer, Diana Kay  
Hong, Lily Toy  
Houtz, Becky

Johnsen, Susan Bennion  
Jorgensen, Lynne Madsen  
Kadlec, Beth Aileen  
Kartchner, Kari  
Keetch, David W.  
Kemp, Kerry  
Kidman, Michael C.  
Kuhlmann, Gary C.  
Kuhlmann, Mary Kaye Madsen  
Lauritzen, Ruth  
Loosli, Karen Skeen  
Low, Scott G.  
Mauger, Gary Wallace  
McMurdie, Christi A. Binford  
Monroe, Charlie M.  
Moore, Craig Allan  
Murdock, Ross Christian  
Nielsen, Kevin D.  
Olsen, Alan Bill  
Parry, Tawna Edman  
Peterson, Boyd J.  
Peterson, Laurie  
Raines, Julia H.  
Ramsey, Keith E.  
Rich, Valarie McClellan  
Rogers, Nancy Ann  
Rowley, Mary Lynn  
Royer, Bruce Lester  
Rutherford, Scott  
Scott, Craig Lee  
Shaw, Kenneth N.  
Shomaker, Joyce  
Simmons, Stephen A.  
Simpkins, Glenda L.  
Slack, Pamela Bezzant  
Smith, Bonnie Baird  
Smith, Debora Rae  
Smith, Linda  
Smith, Terri L.  
Stanton, Sean Edward  
Stegelmeier, Bryan L.  
Taylor, Catherine Ann  
Teot, Eric S.  
Thomas, Karen  
Thompson, Dorilee  
Torgensen, Kirk Morris  
Ure, JoLyn Bell  
Valcarce, Rebecca Wycisk  
Wagstaff, W. Reed  
Wallis, Melanie A.  
Weese, Diane Rich  
Whelan, James E.

## Cum Laude

Adams, Laura  
Agren, Lorelei  
Allred, Ted R.  
Andrews, Steven Kendall  
Andrus, James Howard  
Atkins, William A.  
Baird, Tamra S. McCreary  
Baessler, Jeffrey  
Baker, Kay  
Ball, Alice Pulsipher  
Baudhuin, Christian Neill  
Baudhuin, Ellen Kay Hosking  
Bayles, Jane Harris  
Beck, Robert P.  
Bergener, David A.  
Blackley, Mark William  
Blaser, Lisa Spendlove  
Brady, Pamela Marie  
Bragdon, Rebecca Montoya  
Braley, Douglas Scott  
Brooksby, Craig Albin  
Brncic, Mary Louise  
Bueno, Patsy  
Bushee, David Duane  
Bustillo, Rene Adrian  
Butler, Kirk A.  
Bylund, Kathryn Payne  
Carlman, Leonard Robert  
Carlson, Michael Lewis  
Chavez, Dolores E.  
Clements, Jana L.  
Cloward, Jerry Johnson  
Clyde, Mark Eliot  
Contreras, Mary Frances Schwartz  
Costley, Carolyn Mary  
Cook, Laura J.  
Cooper, Philip Henry  
Cornia, Lynn C.  
Coryell, Kathryn Marie  
Coupe, Janet Louise Mart  
Cowley, Kerry Stebbing  
Crump, Rene  
Curtis, Randal Jay  
Daines, Clifford D.  
DeWaal, Tamara  
Dickey, Teresa Anne  
Dilts, Karen Alice  
Dressler, Tracy Lynne Hill  
Dunham, Gayna L.  
Durrant, Lezlie Souter  
Eccles, Matthew R.  
Edwards, Theodore Mark  
Embry, Leo J.  
Eskelson, Lynn Perrins  
Eskelson, Mark Perrins  
Farnsworth, Lon H.  
Fausett, Lee A.  
Fish, Dixie Gae  
Fletcher, Scot L.

Fowler, Scott D.  
 Fox, Bruce Miner  
 Freestone, Susan  
 Fryer, Vicky Westmoreland  
 Fugal, Ray N.  
 Gardiner, Cheryl Renee  
 Gardner, Carrie A.  
 Gardner, Kevin Boulton  
 Garvin, Daniel Robert  
 Gibbons, Gay  
 Gilbert, Gregory R.  
 Gingell, Shari Lynn  
 Glauser, Steven Wayne  
 Geary, Lisa Dawn Nalder  
 Griffin, Merle Wooley  
 Groneman, Bonny J. Giacomo  
 Hagloch, Brent Elvin  
 Hanks, Elyse Hair  
 Hannah, John Michael  
 Hansen, Ned R.  
 Hansen, Scott B.  
 Hansen, Terry L.  
 Harries, Matthew Scott  
 Harris, James K.  
 Harrison, Carmen R.  
 Harrison, Janet  
 Hart, Michael Grant  
 Hermansen, David Nephi  
 Hockin, Raye M.  
 Humphry, Joanne Catherine  
 Huppi, Julie Carlson  
 Hyde, James Charles  
 Imlay, Joan Christner  
 Israelsen, Brian Clement  
 Jaggi, Mark Norman  
 Jeffs, Patti Marie  
 Jensen, SueAnn Ludlow  
 John, Kathleen  
 Johnson, Doryn Ladd  
 Johnson, Gay  
 Johnson, Tana Elaine  
 Jolley, Scott Call  
 Jones, Karen Marie  
 Jorgensen, Yvonne Tho  
 Kanvik, Christopher D.  
 Katz, Jonathan Booth  
 Keaton, Jean S.  
 Keller, Bradley W.  
 Kelsey, Glenda Collins  
 Kemp, Sheri  
 Kerns, David Leslie  
 Kiefer, Karen J.  
 Kirby, V. Jim  
 Krueger, Cynthia Marie  
 Lamb, Barbara M. Lutz  
 Lamborn, Lyndon C.  
 Leung, Martha Fung Chi  
 Liechty, Michael Roy  
 Lilieholm, Robert J.  
 Litz, Cathrine  
 Loosle, Steven G.

Lund, David W.  
 Luzietti, Eugene A.  
 Lyons, Mark Roy  
 Mander, Robert Don  
 Mann, Kristin Poulsen  
 Martineau, Cheryl  
 Martinez, Elizabeth H.  
 McConnell, John W.  
 McKay, Steven M.  
 McKenna, Reed E.  
 McNicholl, Colette C.  
 Mehrkish, Ali Reza  
 Mesch, Rebecca Kathleen  
 Miles, Joanne  
 Miller, Janice Marie  
 Mimura, Kazuko  
 Mitchell, Alan Rex  
 Mitchell, Elizabeth Bennion  
 Morin, Eavan Ann Fleming  
 Moser, Teri  
 Muncy, Nancy Parkinson  
 Nasiatka, Gary S.  
 Nasiatka, Janice L. Schollard  
 Nate, Kent O.  
 Newhall, Maurine Kae Smith  
 Nickolaisen, Niel R.  
 Nielson, Pamela  
 North, Saundra  
 O'Brien, Avrile Atkinson  
 O'Brien, Timothy J.  
 Ormond, H. Raeburn  
 Orton, Frances Patrick  
 Pawelek, Margaret Sue  
 Pawelek, Mary Beth  
 Petersen, Carolee  
 Peterson, Reid Aaron  
 Peterson, Karl Brad  
 Phillips, Todd W.  
 Pierce, Wade Stewart  
 Pond, Duana M.  
 Ponti, Ivano E.  
 Poulsen, Teresa  
 Rehor, Thomas G.  
 Rich, Lorraine  
 Rigby, Suzanne  
 Rizor, Helena Maria  
 Roberts, Connie Jeanne  
 Rowland, Audrey Anne  
 Saccomano, Barbara A.  
 Sak, Michael Gerard  
 Saupe, Craig Allen  
 Sayama, Lillian M.  
 Schroeder, Kevin O'Hara  
 Searle, Kevin B.  
 Sellers, Brett Keith  
 Sessions, Rodney J.  
 Schwan, William Norman  
 Shannon, David Ryan  
 Shaw, Frank R.  
 Shokoohi, Vida  
 Siahpush, Syeed Mohammad

Siebach, Ronald Karl  
 Simone, James Arthur  
 Socwell, David E.  
 Snow, Kris L.  
 Sparks, Penni Daun  
 Stark, Douglas O.  
 Steele, Susan Lee  
 Stein, Kimberly Pierce  
 Steinert, Terry L.  
 Stevens, Karen  
 Stewart, F. Robert  
 Stratford, Sharon  
 Street, Caroline  
 Sutton, Deena Lynn  
 Stolworthy, Connie Young  
 Tavana, Akram  
 Tavana, Asghar  
 Taylor, Allan J.  
 Taylor, Lance Beale  
 Taylor, Paul James  
 Thomas, Marilyn Rae  
 Thomas, Sally  
 Thomas, Terry Ross  
 Thompson, Paula  
 Thorne, C. Brock  
 Thorngren, Susan M.  
 Vogt, Mary Lorene  
 Walker, Layne J.  
 Walker, Scott Alan  
 Warburton, Don Lee  
 Warner, Jacquelin  
 Warner, Roger Poll  
 Weeks, Kenneth Wayde  
 Welsh, Connie Maughan  
 Whalen, Paul James  
 Whelan, Brian Kendall  
 Wilson, Ann E.  
 Wilson, Janae  
 Windley, Kathryn L.  
 Wiss, Robert Dudley  
 Worden, Jean M.  
 Yoshida, Yoshika



# Special Honors and Certificates

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## Valedictorians

A valedictorian has been selected by each college of the University. Addresses will be delivered at the College Graduation Ceremonies. Valedictorians are:

College of Agriculture  
Bryan L. Stegelmeier  
College of Business  
JoLyn Bell Ure  
College of Education  
Debora Rae Smith  
College of Engineering  
Michael A. Farley  
College of Family Life  
Mary Kaye Madsen  
Kuhlmann  
College of Humanities, Arts and  
Social Sciences  
Sue Douglas  
College of Natural Resources  
Sandra Marie Borthwick  
College of Science  
Janie Konakis Arnold

## University Citizenship Awards

Presented annually to the senior graduates who best portray high traits of character, scholarship, and citizenship.

M. Jeffrey Davis  
Michelle Thompson

## Honors Program Graduate

Paul T. Carroll

## Certificate in International Relations

Sue Douglas  
Michael Wayne Rickson

## Certificate in Public Administration

Jay Leetham  
Radene Rawson  
Kenneth Sizemore

## Reserve Officers Training Corps

### Military Science

Presented a Commission as Second Lieutenant, United States Army:

Leo Badoni  
Tad H. Butterfield  
Edward G. Chandler  
Gus A. Checketts  
M. Jeffrey Davis  
Bruce C. Evans  
John M. Hannah  
Ronald D. Harry  
Paul D. Ingersoll  
David E. Jones  
Mark S. Kaminski  
William J. Litz  
Monte J. Lucherini  
Kyle J. Luke  
Jay L. Martin  
James B. Meservy  
John D. Scheid  
Ronald K. Siebach  
Steven F. Stewart  
Kip O. Thompson

### Air Science

Presented a Commission as Second Lieutenant, United States Air Force:

Samuel Robert Bakalian, Jr.  
Kenneth Charles Chase, Jr.  
Amber Marie Dalley  
Scott Huish Greene  
Jace Nelson Hardy  
Ronald Paul Irvin  
Paul Christian Kluzek  
Brook Alan Rogers  
Michael Ivan Trapp  
Roger William Trueblood, Jr.  
Tracy Ann Turner  
John Henry Vandervalk  
Larry Mark Wilson  
Dana Lance Winward



# Academic Heraldry

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The history of academic heraldry reaches far back into the early days of the oldest universities. A statute of 1321 required that all "Doctors, Licentiates, and Bachelors" of the University of Coimbra wear gowns. In England, in the second half of the fourteenth century, the statutes of certain colleges forbade "excess in apparel" and prescribed the wearing of a long gown, which may have been counted necessary for warmth in the unheated buildings frequented by medieval scholars. Hoods were used to cover the head until later replaced by the skull cap and eventually by academic caps. Both Cambridge and Oxford have made academic dress a matter of university control to the inclusion of even its minor details; and in Laudian days in Oxford, any tailor who departed from the authorized design "even by a nail's breadth" was to be punished by the vice-chancellor of the University.

When American colleges and universities desired to adopt some suitable system of academic apparel, it seemed best to agree on some definite system which all might follow. Accordingly, there was held on May 16, 1895, at Columbia University, a conference of representatives of the governing boards of various interested institutions. From that meeting came a code of academic dress for the colleges and universities of the United States, which most institutions of higher learning have adopted and followed.

## Gowns

The academic gown for the bachelors degree has pointed sleeves and is designed to be worn closed. The gown for the masters degree has an oblong sleeve, open at the wrist, like the others. The sleeve base hangs down in the traditional manner. The rear part of its oblong shape is square cut, and the front part has an arc cut away. The gown is so designed that it may be worn open or closed. The gown for the doctors degree has bell-shaped sleeves and may also be worn open or closed.

## Colors

For all academic purposes, including trimmings of doctoral gowns, edging of hoods, and tassels of caps, the colors associated with the different academic disciplines are as follows:

Agriculture  
Business

Maize  
Drab

Education	Light Blue
Family Life	Maroon
Engineering	Orange
Humanities, Arts and Social Sciences	White
Natural Resources	Russet
Science	Gold-Yellow
School of Graduate Studies (EdD, PhD)	Gold

## Hoods

Academic hoods are worn by recipients of advanced degrees. The masters degree hoods are three and one-half feet in length and are lined with the official color or colors of the college or university conferring the degree, which at Utah State University are navy blue and white, displayed in a heraldic chevron. The doctoral hood consists of a larger and longer assemblage of institutional color draped over the recipient's shoulders and falling well down the back. The binding or edging of the hoods is of velvet or velveteen, three inches wide and five inches wide for the masters and doctors degree, respectively.

## Caps

Academic caps come in two forms, the traditional mortarboard (from Oxford), a square cap; and a soft cap which resembles an oversized beret (the Cambridge model). The mortarboard, used by Utah State University, is worn with a tassel. Black tassels designate any degree, colored tassels designate the major field of learning, and gold tassels indicate doctors and governing officials of institutions.

## Academic Procession

The commencement procession originates at the Old Main building and the line of march extends down Eighth East Street to the Spectrum. The procession is composed of three divisions: (1) the speakers, Regents and Institutional Council members, administrative officers, and other members of the platform party; (2) the faculty; and (3) candidates for degrees, with candidates for advanced degrees in the lead and others in groups according to the degrees for which they are candidates. The procession will stop at the tunnel entrance to the Spectrum, the first two divisions dividing so that the candidates for graduation pass between them and enter the hall first.

## Honorary Degree



**K.** PHILIP HWANG

is honored as an alumnus, an international businessman, and a leading innovator in the world of microcomputer technology. Journeying from his Korean homeland for a college education in the United States, he has fulfilled the American dream—the dream of owning and managing a business he has built from the ground up. □ Mr. Hwang has a Bachelor of Science degree in electrical engineering from Utah State University and a Master of Science degree from Wayne State University. Employed by advanced technology firms early in his career, he worked toward owning his own business. He enrolled in night school to study the subject and operated a small convenience store to gain firsthand experience. But he never forgot his first love—engineering—and soon he was designing and building small computers. Hard work and a keen sense of opportunity enabled him to build bridges between companies here and in Korea, and, in a space of less than a decade, to put his corporation, TeleVideo Systems, at the head of the market. □ His ideas and company have gained world-wide respect and earned plaudits in the nation's business press. He has been honored by the American Academy of Achievement and was named Business Man of the Year by the Korean-American Chamber of Commerce. □ He has been a friend and adviser to Utah State University. His good nature and diverse capabilities have brought eminence to him, his family, and his Alma Mater. □ Utah State University is privileged to have been part of his life and takes pleasure in conferring upon him the honorary degree, Doctor of Engineering.



## Honorary Degree

W. B. ROBINS,

born in a small rural town, moved as a comparatively young man to Salt Lake City, and his subsequent career is an interesting account of the peregrination of a self-educated man. His contributions to Utah society and to higher education in Utah are considerable. He has spent his life building and supporting institutions in the public and private sector. □ His career was directed toward development of the cooperative movement. During thirty-five years as general manager of the Utah Cooperative Association, he served on numerous state and national councils, committees, and advisory groups. □ *The* cooperative movement provided Mr. Robins with an opportunity to apply social and economic doctrines agreeable with his liberal instincts. He had confidence in people and believed they were capable of improving their situation, and he believed that through the cooperative, producers could maximize the returns from their land, from investments in local and state enterprises, and from the simple labor of their hands. □ As a member and later as chairman of the Utah State University Institutional Council, he was quick to perceive the appropriate role for the Council and dedicated himself to direct it in its role as a policy making body. As chairman, he searched first for a consensus and, when consensus was not possible, he was quick to search out appropriate compromise. □ He is an idealist and a humanist, he has faith in man and a devotion to his well-being. He is a man whose primary obligation is to man and to human relationships, convinced that man's nature is perfectible through his own efforts. □ Utah State University is pleased to confer upon him the honorary degree, Doctor of Agribusiness.

## Honorary Degree



### JAMES G. SCRIPPS

is honored for his commitment to the country's fourth estate, for his civic responsibility, and for his dedication to the preservation of nature in his native state of California. □ He was born to hard work and the pursuit of achievement. Graduating early from high school, he began his long and illustrious career in the newspaper business at the tender age of 16. Starting with three family-owned newspapers, two of them here in Utah, he built a successful chain of newspapers and is currently owner or part-owner of 24 newspapers in 12 states. His formula has always been quality journalism coupled with fairness and integrity. □ A deep love for his nation compelled him as a young Naval officer to volunteer for sea duty. His orientation as a man who could take the reins brought him rapid advancement, and he was a commander by the end of the war. Remaining in the reserves, he retired as a rear admiral. □ His personal conviction to the work ethic and the necessity of family and morality in a functioning free society have acted as a beam of guidance for those who worked with him. Several former business associates have applied his example to create successful newspaper businesses of their own. In the communities where he has lived he has cheerfully borne the duty of participation, taking part personally and philanthropically. □ Utah State University is proud to associate with him through his local newspaper and as fellow citizens and now takes pleasure in conferring upon him the honorary degree, Doctor of Humanities.

## Honorary Degree



## E<sup>WART A. SWINYARD</sup>

is honored as a native son and alumnus, as a great teacher, and as a renowned scientist whose work in pharmacology is recognized around the world. He built on the foundation of his childhood in Cache Valley to achieve stature in his contributions to research, teaching, and scholarly activity and to earn recognition accorded few in his profession. □ His undergraduate training in zoology at Utah State University and later graduate work in pharmacy and pharmacology at Idaho State University, University of Minnesota, and University of Utah were stepping stones to career success available only to those with perseverance and a will to attain. His research in pharmacology, alcoholism and drugs, epilepsy, and anticonvulsant drugs has constantly been in the forefront. His excellence and reputation have earned him continued research grants even since his retirement as dean of the College of Pharmacy at the University of Utah. His participation on professional and scientific committees and editorial boards of professional journals has been a way of sharing his expertise with others in the field. His scholastic honors are numerous and recognize his contributions on many fronts. Admired and loved by students and colleagues alike, he was twice honored as outstanding teacher at the University of Utah. Recently he was named Honorary President of the American Colleges of Pharmacy, recognizing more than forty-five years of service to all aspects of the profession. □ Utah State University is honored to confer on one of its most distinguished sons the honorary degree, Doctor of Science.



## D. Wynne Thorne Research Award

### ROBERT W. SCHUNK

has established an international reputation in theoretical space plasma physics. He has an exceptional publication record, and a measure of the national value of his research is given by the national committees on which he serves. He pioneered and popularized the use of the "transport formulation" approach to solving the severally coupled plasma interactions found in space physics. In each of several fields, his applications of transport equations have led to new predictions and a better understanding of the physical processes involved. □ With the successful establishment of a theoretical space research group at Utah State University, he has been able to extend his field of research and has gained a national reputation in a number of new topics. As a theoretician, Professor Schunk has contributed extensively to the National Space Research Program by his direct interaction with experimental space scientists.



### MARSHA R. TORR

has worked in the related fields of ionospheric and magnetospheric physics and aeronomy since 1965 and has published extensively in these areas. In theoretical studies of the ionosphere and atmosphere, she has developed comprehensive models. As co-investigator on the Atmosphere Explorer Team, Dr. Torr is highly familiar with the use of data from a multi-instrument complement for use in such models and has contributed significantly in thermospheric photochemistry. Recent work has involved studies of energy input to the neutral atmosphere. She has built airglow photometric equipment and established airglow observations. As principal investigator of the Imaging Spectrometric Observatory for the Space Shuttle, she has been responsible for the development of an array of imaging spectrometers and has developed a far ultraviolet calibration facility and data analysis facilities for the Shuttle project, which is scheduled for launch this fall. She has developed and evaluated new experimental techniques and made new discoveries.



## Robins Professor of the Year Award

### WILLIAM L. FURLONG

has taught a wide range of courses during the fifteen years he has been at USU. They have included large introductory classes on American government, special courses in Latin American and comparative politics, graduate courses in the use of violence as a political tool, and comparative military regimes of Latin America. He created a special course, The Clash of Cultures, which has provided a generation of students with insights into why differing cultures find themselves in confrontation with others. He has been the adviser to the political science honorary, Pi Sigma Alpha, for thirteen years. In the early 1970s, he organized a career night for students to bring potential employers to campus and to provide graduating students with an opportunity to evaluate career alternatives. He earned his BA and MA degrees from the University of Utah and completed his PhD at the University of Florida. Recently he completed a book on the Panama Canal Treaty.





# Teaching Excellence Awards

Through an extensive selection process involving both students and faculty in the various academic colleges, eight members of the faculty have been designated for special recognition for excellence in teaching representing the eight colleges of the University: Agriculture; Business; Education; Engineering; Family Life; Humanities, Arts and Social Sciences; Natural Resources; and Science.

## COLLEGE OF ENGINEERING

ELLIOT RICH, professor of civil and environmental engineering, has a reputation as a master teacher. He received his BS degree at USU, his MS degree from the University of Utah, and his PhD degree from the University of Colorado. He is always available to discuss classroom problems or career questions with students. He has served as adviser to as many as eighty students a year. His care and concern for students help motivate them to achieve the high standards he demands of his classes. He is an untiring representative of the College of Engineering at high schools throughout the region and has influenced many students to choose engineering at USU. With well-organized and vibrant lectures, he makes difficult technical material clear and dynamic. He has served as associate dean of the college and head of the Department of Civil Engineering. He is a professional registered engineer and land surveyor, consults with many businesses, and has served as president of the Utah Section of the American Society of Civil Engineers.



## COLLEGE OF EDUCATION

G. LEON BEUTLER's potential impact on classroom environment is great, since a majority of his students will become elementary and secondary school educators. If they "teach as they were taught" in terms of scholarship, preparation, and humaneness, his influence on future classrooms will be profound. He helps students become effective producers and utilizers of instructional materials. A friendly face, relaxed sense of humor, and genuine offers of individualized help and advisement make him a favorite with students. Professor Beutler received his MS degree in educational administration from USU in 1959. While working toward his degree, he was head of Audio Visual Services. He has four years of public school teaching experience in Carbon County. He is a past president and member of the board of directors of the Audio Visual Instructors and Directors of Utah and a member of the Utah Educational Media Association and Association for Educational Communications and Technology.



## COLLEGE OF FAMILY LIFE

M. JANET WINTERS, an instructor in the Home Economics and Consumer Education Department, has been involved in home economics curriculum development for ten years. Dr. Winters received her undergraduate degree in home economics at USU in 1955, her MEd degree at the University of Utah and, most recently, her PhD in teacher education at Colorado State University. She teaches courses in curriculum development and evaluation and adult education. One of her major responsibilities is directing the Consumer and Home Economics Career Exploration Project in sixty-six Utah junior high and middle schools. She supervises twelve teachers in presenting thirty-seven consumer and home economics career opportunities to students. They are given hands-on experience in occupations such as dietetics, food service work, weaving manufacture, and clothing design. She is a member of the American Home Economics Association and the American Vocational Association.





#### COLLEGE OF NATURAL RESOURCES

**J**OHN CHARLES MALECHEK is a highly productive member of the faculty of the College of Natural Resources. Nearly two-thirds of his official time is involved with research, yet he finds time to facilitate overseas range programs, to produce publications valuable to western range managers, to teach and work with undergraduates, to counsel graduate students, and to develop the teaching skills of graduate students who have become and will become university faculty members. Professor Malechek came to USU in 1970, receiving his BS from Texas Technological College, his MS from Colorado State University, and his PhD from Texas A & M. His concerns include optimal use of wildland shrubs, and he has investigated animal energy expenditures while feeding, the grazing and browsing habits of animals, the digestibility of various plants, and other nutritional aspects of rangelands. His graduate students have made noteworthy investigations in the American West, Tunisia, Sudan, Morocco, and Brazil.

#### COLLEGE OF SCIENCE

has taught more than 20,000 students in his physiology course alone during the past thirty-plus years at USU. The description most often given by students is that Dr. Bahler takes what might have been dry, tedious facts and turns them into fascinating, stimulating lectures. His class atmosphere is one of clinical accuracy, refreshing tempo, and subtle humor. As adviser to the pre-medical program, Dr. Bahler prepares students so well that the acceptance rate of USU students in medical schools is consistently well above the national average. Dr. Bahler came to USU in 1949 after receiving his PhD at the University of Wisconsin. Later he pursued a National Science Faculty Fellowship at the University of Miami School of Medicine and University of Michigan Medical School and spent six months visiting medical and osteopathic schools and anatomy departments, all with the purpose of improving his advising skills and understanding of the profession.

#### **T**HOMAS L. BAHLER



#### COLLEGE OF AGRICULTURE

**L**YLE G. MCNEAL, associate professor of animal, dairy and veterinary sciences, has taught at USU since 1979. He earned his BS degree at California Polytechnic College, his MS degree at the University of Nevada-Reno, and his PhD at Utah State University. In addition to teaching, Professor McNeal has been active in developing audio-visual aids, arranging student internships, and developing new uses for computers in the classroom. Professor McNeal has established professional contacts in the area of sheep and wool around the world including Mexico, New Zealand, Iceland, and South Africa. On the national level, he has been a long-time member of the National Wool Growers Association, the American Society of Animal Science, the Society of Range Management, and the American Association of Sheep and Goat Practitioners.

#### COLLEGE OF BUSINESS

associate professor of business administration, earned his BA degree from Brigham Young University and his MBA and DBA degrees from the Indiana University. He has a reputation as a blend of scholar, teacher, confidant, and friend who is fair and open. Because he is approachable, knows the subject matter, and can make complex financial subjects understandable, students flock to his classes in large numbers. His research interests have resulted in papers and books dealing with both theoretical and practical subjects. He has published a number of articles in professional journals and, with a colleague, is author of books on financial planning. He also wrote two chapters for a book on certified management accounting. He reviews textbooks on finance, operations research, and managerial economics for several publishers. A consultant for many businesses, he is also on the board of directors of an electronics manufacturer and serves on a committee for the College of Financial Planning in Denver.

#### **P**HILIP R. SWENSEN,



# Candidates for Graduation

## Agriculture

Doyle J. Matthews

Dean

Aagard, Scott D.  
Almazan-Diaz, Raul Leoncio  
Anderson, Monte Jack  
Baker, Charles Glen  
Baldauf, Susan Marie  
Beck, Brice W.  
Belliston, James Thomas  
Bicknese, William F.  
Brncic, Mary Louise  
Cook, David Bryan  
Corbridge, Kirk Petterson  
Crittenden, Michael V.  
Croft, Michael Reed  
Dailami, Farzaneh Akbar Ghaleb  
Davis, David B.  
Didericksen, Rick J.  
Dunham, Gayna L.  
Dunham, Kerry Sue  
Fausett, Lee A.  
Frampton, Wyatt J.  
Gibb, Douglas Frank  
Griffiths, Curtis George  
Haderlie, Elwin Scott  
Hagloch, Brent Elvin  
Hansen, Kip C.  
Herman, Brenda Jean Shaw  
Herman, Russell William  
Hjorth, Lynn Wesley  
Holgate, Herbert J.  
Horne, Jonathan Nelson  
Hull, Bobbie Layne  
Israelsen, Craig Lamont  
Jackson, William F.  
Jensen, Kevin Bartell  
Jones, Merrill Winter  
Kato, Seiichi  
Kaymanesh, Koorosh  
Lake, Rodney Dennis  
Larson, Craig Steven  
Linderman, Barton Ray  
Low, Scott Gorbett  
Marble, Brian Glen  
Marchant, Lloyd Keith  
Meyer, Taft Gustave  
Mickelsen, Wendell C.  
Miller, Susan Riva  
Mitchell, Alan Rex  
Mokgare, Atamelang Anthony  
Monje, Guillermo Francisco  
Moore, Craig Allan  
Morgan, Paul W.  
Morgan, Victoria Eileen  
Najari, Mohammad Mehdi  
Nelson, M. Alan  
Newell, Cecil Frank  
Newman, Burke A.  
Nguma, Africanus James  
Nielsen, David Anthony  
Ormond, Hyrum Raeburn

Ormond, Susan Fay Allen  
Paceley, Russell L.  
Petersen, Jesse Ray  
Porter, Dean Condie  
Probst, Kim Wayne  
Puchtongchai, Phaisal  
Radtke, Robert N., Jr.  
Rizor, Helena Maria  
Robinson, Samuel J.  
Romney, Steven Maxel  
Sagers, Hal Leon  
Sampson, Lowell Woolf  
Sarti, Alberto Alfredo  
Schenck, Christopher M.  
Sessions, Rodney J.  
Sieverts, John Hart  
Skidmore, RonDell  
Sorenson, Bruce Steven  
Stegelmeyer, Bryan L.  
Tanbakookar, Jafar  
Tanner, Jay M.  
Taylor, Allan J.  
Thomsen, Marianne  
Thomson, Glen Bradley  
Timoney, Ryan M.  
Toone, Frederic Joseph  
Torabinejad, Javad  
Usman, Yusuf Ibn  
Van Tassell, Lonnie Brent  
Vogel, Douglas Patrick  
Watts, Mark A.  
Williams, William Akpan  
Wiskerchen, Thomas A.  
Wood, Lewis William  
Zollinger, Richard K.

Austin, Clayton R.  
Austin, Sherry A.  
Ayagere, Waribo Alex  
Ballard, Guy R.  
Banaszynski, Lynn Richard  
Barlow, Raedene  
Barrera, Guadalupe A.  
Barton, Steven J.  
Bateman, Bart L.  
Baugh, Craig L.  
Beaulieu, Jean Thomas  
Beck, Fred  
Beck, Robert Paul  
Beers, Robert Jay  
Behrens, Barbara  
Bennett, Lorraine  
Blaine, John Scott  
Blodgett, Jeffrey Donald  
Bonine, Calvin M.  
Bown, Scott B.  
Boyd, Daniel Benjamin  
Braithwaite, Barry S.  
Briggs, Elizabeth Nora  
Brower, Lorie  
Brown, Blain Lee  
Brumback, James B.  
Bryson, Tina M.  
Buchanan, Bryan Wood  
Buck, Cheryl D.  
Byerly, Wesley Downing  
Bylund, William J.  
Calder, Colleen  
Caldwell, John Bryant, Jr.  
Call, Kaylene  
Campbell, Kevin Chad  
Campbell, Sidney Paul  
Carroll, Kirk B.  
Cattanach, James Lachlan  
Cattlett, Paula Ann  
Cooper, Laurel Ann  
Cooper, Philip Henry  
Cowley, Jon K.  
Cressall, Scott M.  
Crofts, James Hoyt  
Crow, Donna Ellen G.  
Cutler, Bradley D.  
Dahlstrom, Michael J.  
Daie, Homayoon  
Davidson, James D.  
Deuble, Ernesto  
Didericksen, Rick J.  
Dionne, Elizabeth Thornton  
Eagar, Denise  
Earl, Clinton D.  
Elder, Robert Michael  
Elliott, Charles P.  
Ertz, Gregory John  
Eskelson, Lynn Perrins  
Eskelson, Mark Perrins  
Evans, Noel John  
Evans, Patricia J.  
Fan, Chun Yin  
Farley, Jeanne M.  
Farley, Michael A.

## Business

Richard L. Smith

Dean

Adamowicz, Joan Gayle  
Adams, Craig Daniel  
Adams, Debbie A.  
Ahn, In Shig  
Akamine, Yoko  
Akinlode, Vivian Babatunde  
Aldrete, Mark Henry  
Allen, James Jeffry  
Andersen, Coy  
Andersen, DeVonya  
Andersen, Michael Lew  
Andersen, Ross W.  
Anderson, Donald David  
Anderson, Mark Kevin  
Andrews, Steven Kendall  
Angle, Inger Carol  
Archibald, Paul Leishman  
Arnett, Gary Alan  
Ashton, Les Homer

Farnsworth, Lon H.  
 Fessenden, Jean Louise Lorenzo  
 Forman, Gar Allen  
 Frost, Scott Ray  
 Funk, Fayette  
 Gable, John A.  
 Gagon, Sidney  
 Gaither, Mary K.  
 Gardiner, Kevin Boulton  
 Gardner, Carrie A.  
 Garrard, Bruce Edwards  
 Garrard, Diane Criddle  
 Garvin, Daniel Robert  
 Gilbert, Gregory Robert  
 Green, Alan Nielsen  
 Green, David A.  
 Green, Geoffrey David  
 Grover, Clifford N.  
 Hall, Wynn R.  
 Hansen, Bradley E.  
 Hansen, Dale Floyd  
 Hansen, Douglas John  
 Harawa, Daniel Mwarabo  
 Hardy, Jace N.  
 Harmsen, Larry Harlan  
 Harris, Julie Ann King  
 Haslam, Gerald Alton  
 Hatch, Cordell Nelson  
 Hatch, Terry Mike  
 Hendricks, Fredrick C.  
 Hermansen, David Nephi  
 Hernandez, Iraida S.  
 Herrick, David Paul  
 Hess, Ronald Reuell  
 Hill, Edward Thomas  
 Hodges, Norman P.  
 Holmes, Steve A.  
 Hortin, Chris R.  
 Huber, Gary Doyle  
 Humphris, Jon Robson  
 Huzzey, Kent Edwin  
 Hyde, Betty Ann  
 Hyde, James Charles  
 Israelsen, Bert Victor  
 Israelsen, Brian Clement  
 Iwertz, Charles Edvin  
 Izutsu, Kiyomoto  
 Jensen, Dane Elcanna  
 Jensen, Marvin Dee  
 Jensen, Robert Todd  
 Jimenez, Pedro Marcelo  
 Johnson, Gregory G.  
 Jolley, Penne Bradley  
 Jolley, Scott Call  
 Kanvik, Christopher D.  
 Kennedy, Ken Frank  
 Kesler, Robert G.  
 Khedmatgozar, Mohammad Reza  
 Kidman, Michael C.  
 Kinney, Karol  
 Knight, Michael Dwayne  
 Knopf, John Bjarne  
 Kreher, Tasha Anne  
 Krogue, Elmo Dean  
 Kuhlmann, Gary G.  
 Labrum, Ron K.  
 Lager, Scott Jay

Langston, Michael Verl  
 Latham, James Brian  
 Lee, Jacob Randall  
 Lindsay, Ivan R.  
 Liston, Laura A.  
 Logan, Alvin DeQuanta  
 Lorenz, Matthew John  
 Lucas, Timothy Joseph  
 Lyons, Mark Roy  
 Mackay, Kenneth Alma  
 Madsen, Ray  
 Mahoney, Kent N.  
 Maiersperger, Paul R.  
 Mann, Allen Shelton  
 Marchant, Steven Dale  
 Martin, Jay Lawrence  
 Mauger, Gary Wallace  
 McQuarrie, Craig Steven  
 Michaelis, Richard Arthur  
 Miller, Kelly G.  
 Miller, Mark E.  
 Mitchell, Dennis Michael C.  
 Moore, Scott Eric (Rick)  
 Morgan, Donald L.  
 Morgan, Ingrid Sally  
 Moser, Michael E.  
 Muceus, Jon Charles  
 McBride, John Devro  
 McBride, Wayne  
 McKee, Randy S.  
 McKinley, Robin  
 McNicholl, Collette C.  
 Nance, Bradley K.  
 Nate, Kent O.  
 Nelson, Bevan Dennis  
 Nelson, David L.  
 Nelson, John Charles  
 Nelson, Melanie  
 Newman, David T.  
 Nixon, James Scott  
 Novotny, Charles Anthony  
 O'Brien, Timothy J.  
 Obray, Susan  
 O'Connor, Kevin Thomas  
 Olsen, Lionel Wayne  
 Orton, Craig F.  
 Otteson, Paul Harry  
 Owho-Obasiolu, Emmanuel Chizoba  
 Padan, Frank Lynn  
 Parker, Rebecca  
 Parrish, Val Criddle  
 Paskett, Brent William  
 Pedersen, Eric J.  
 Perry, Lynn Roland  
 Petersen, Kevin J.  
 Petersen, Lyle F.  
 Phillips, Todd W.  
 Pierson, Paul G.  
 Pollick, Tracy  
 Pond, Duana M.  
 Poulsen, Todd W.  
 Probert, Penny  
 Pugh, Geoffrey Scott  
 Pulley, Eric Arden  
 Pyle, James M.  
 Quinn, Andrew W.  
 Quinn, Becky Sue Reed

Reese, Sandra L. Thorpe  
 Rex, William E.  
 Reynolds, Marina A.  
 Rhead, Randall Daray  
 Rhees, Scott R.  
 Riley, Rita  
 Rindlisbacher, Alan D.  
 Ringer, Shauna B.  
 Rizzuto, Sheri Lynn  
 Roberts, Bret Steven  
 Robinson, David William  
 Rogers, Brook A.  
 Rolfing, Peter Currey  
 Ross, Timothy Jay  
 Rousseau, Joseph J.  
 Rowley, Mary Lynn  
 Rupper, Bruce Talmage  
 Ryan, Bruce William  
 Sandgren, David G.  
 Satterthwaite, Denise  
 Scheid, John Dennis  
 Scheufler, Patrick Andrew  
 Searle, Kevin Bitter  
 Sellers, Brett Keith  
 Selley, Angela  
 Shaw, Frank M.  
 Shearer, Brian Lee  
 Shelton, Rick Merrill  
 Simmons, Stephen Alburtus  
 Skidmore, Charles James  
 Smith, Cynthia  
 Smith, Greg Stanley  
 Smith, Lorrain  
 Smith, Steven Curtis  
 Snow, Douglas Wayne  
 Sorensen, Debra Bladen  
 Sorensen, Denise  
 Sorenson, David N.  
 Sorenson, James D.  
 Sparks, Leslie V.  
 Sprouse, Keith Case  
 Spuhler, Richard D.  
 Stanton, Sean Edward  
 Starkey, Jeff N.  
 Steed, Val David  
 Steffen, Lance Robert  
 Stokes, David Laron  
 Strahm, Eric B.  
 Stratford, Bruce Watchli  
 Studdert, Janet L. Millette  
 Summers, Dennis "M"  
 Swandito, Tekad  
 Swendseid, Christopher Ralph  
 Taati, Mahasti  
 Takagi, Gary Tami  
 Tanaka, Archie R.  
 Taylor, Debra Ann  
 Taylor, Julia  
 Thayer, Ilene  
 Tholander, Amy  
 Thorngren, Susan Marie Anderson  
 Thurman, Debrah C.  
 Tibbetts, Cynthia J.  
 Tomlinson, James Edward  
 Tugaw, Kathy Ann Johnson  
 Turner, Tracy A.  
 Tuthill, Clayton Ewing



Ueda, Hisao  
 Ure, JoLyn Bell  
 Ure, Kent F.  
 Vanus, Craig Allen  
 Vasillas, Janet L.  
 Vonwolffradt, Bart Alan  
 Wagstaff, Kim Lloyd  
 Walker, Scott Alan  
 Wang, Chang-Shin  
 Weston, Joseph Ted  
 Whicker, James Dean  
 Wilcox, Cindy  
 Wilson, Chris H.  
 Wimpey, David Vincent  
 Winget, Richard Newel  
 Winn, David Bret  
 Winward, Kelle Jean  
 Wold, Chris E.  
 Wood, Brett F.  
 Wright, James LaMont  
 Zimmerman, Ted N.  
 Zollinger, Mark Clair

## Two Year Diplomas

### Secretarial/Administrative Support

Andersen, Rosemarie  
 Austin, Linda  
 Bagley, Camille Smith  
 Bartlett, Leesa  
 Bodily, Karen  
 Broadbear, Sharon V.  
 Campbell, Karri Jo Spencer  
 Cooper, Laurel Ann  
 Cummings, Susan  
 Daniels, Jona L.  
 Dayton, Roseann  
 Dougherty, Sharon L.  
 Duncan, Kristi  
 Earl, Lisa A.  
 Elmer, LeaAnne  
 Gardner, Darcie  
 Gilham, Debra Ann  
 Gingell, Kari Lee  
 Granger, Kelli Lisa  
 Hansen, Annette  
 Hedin, Cinde C. Lindley  
 Herd, Cindy Lee  
 Janes, Christine  
 Johnston, Julie K.  
 Layne, Lorie W.  
 Long, DeeAnn Riding Allen  
 Martineau, Diane  
 Meyer, Pamela K.  
 Moss, Anne  
 Neal, Kathleen Watkins  
 Padilla, Cheryl W.  
 Petersen, Karen Marie Walker  
 Povey, Diane  
 Pruett, Cathie J.  
 Randall, Karrie S.  
 Reid, Julie Kay  
 Rich, Katherine J.  
 Sanders, Sharlynn  
 Sorenson, Janalee  
 Spackman, Tamara

Stark, Dixie  
 Summers, Pamela  
 Thomas, Brenda  
 Turnblom, Cheryl  
 Walk, Edith C.  
 Wickman, Suzanne

### General Merchandising

Savelkoul, Candace A.

## Education

### Oral L. Ballam

#### Dean

Adams, Laura  
 Adkins, Kate K.  
 Agren, Lorelei  
 Allen, Rena Linda  
 Andersen, Jill Ann  
 Anderson, Arlan Wayne  
 Anderson, Janis  
 Anderson, Linda Faye Beauchamp  
 Anderson, Patricia L.  
 Andreini, Traci Lynn  
 Archibald, Tami  
 Atkins, Tracy Jo Lynne  
 Ault, Lisa A.  
 Baird, Tamra McCreary  
 Baker, Kay  
 Baldwin, Guila  
 Ball, Alice Pulsipher  
 Ballard, Nancy R.  
 Bankhead, Evelyn Rose  
 Barfuss, Alean Louise  
 Bate, Susan L.  
 Bates, Brenda Suzette  
 Bates, Elizabeth Barringer  
 Baty, Lynne Anderson  
 Bauer, Randy Gary  
 Bayles, Jane Harris  
 Bearson, Karen Lynne  
 Becker, Lori Ann  
 Beckstrand, Don Joseph  
 Beesley, Michael  
 Benincasa, Anthony  
 Bethers, Carol Jean  
 Bettridge, Bonnie  
 Biddle, Barbara G.  
 Black, Ina M.  
 Blackley, Mark William  
 Blaes, Lisa K.  
 Blaisure, Wilmott Sue  
 Bolliger, Shauna  
 Borg, Cheryl Rose  
 Born, Joyce Godfrey  
 Bowen, Debra Sara  
 Bradley, Mark Webb  
 Bradley, Shari N.  
 Brady, Pamela M.  
 Braegger, Carol Lynn  
 Bragdon, Rebecca A. Montoya  
 Branscomb, Trina Marie  
 Brockman, Alan Fred  
 Bueno, Patsy T.  
 Burgoyne, Roxana

Burton, Patricia  
 Butler, Ruth Ann  
 Carter, Tamra  
 Chambers, Teresa G.  
 Chavez, Dolores E.  
 Christensen, Barbara L.  
 Christensen, Loretta Marx  
 Christensen, Mariam Bennion  
 Christensen, Ronda  
 Christensen, Teresa  
 Clements, Jana L.  
 Clyde, Mark Eliot  
 Coates, Gaylene  
 Collett, Kerry Lynn P.  
 Collins, Kathy Kilminster  
 Contreras, Mary Frances Schwartz  
 Cook, Cynthia  
 Cook, Laura J.  
 Coombs, Gayla  
 Cooper, Lori Jean  
 Copeland, Margaret Luella  
 Coryell, Kathryn Marie  
 Cowan, Carolyn A.  
 Crabtree, Mary Alice  
 Crandall, Lesa  
 Creer, Bradley Larsen  
 Crump, Rene  
 Daniels, Lisa A.  
 Daun, Terry Ann Kimball  
 Davis, Kelly  
 Deloach, Camille Meyer  
 DeWaal, Tamara  
 Dickson, Jacqueline Sue  
 Dies, Cynthia Ann  
 Diltz, Karen Alice  
 Divett, Pamela Smith  
 Doud, Bonnie E.  
 Downs, Kim Vern  
 Downs, Ruth  
 Dustin, Kevin Millard  
 Eck, Tamalyn  
 Edwards, Kevin Lynn  
 Eide, Randi Marie  
 Farnsworth, Floyd David  
 Farnsworth, Kathleen Harris  
 Ferreira, Pamela Shepard  
 Fish, Dixie Gae  
 Fletcher, Janet Louise  
 Foster, Jackie Faith  
 Freeston, Susan  
 Frome, Annie  
 Fugal, Ray Niels  
 Gailey, Clark Edward  
 Gardiner, Cheryl Renee  
 Gattiker, Linda Kristine  
 Gergen, Alan Russell  
 Gilmore, Marti  
 Gines, Leland D.  
 Gomez, Cindy Lee  
 Goodman, James H.  
 Graser, Michelle Marie  
 Gray, Gail Ann  
 Griffin, Nancy W.  
 Griffiths, Janice Ann  
 Griffiths, Wayne S.  
 Grubb, Leslie K.  
 Gudmundson, Alan Grant  
 Gustafson, Charilyn

Hall, Berkley J.  
 Halling, Dan Criddle  
 Hancey, Mark A.  
 Hanks, Elyse Hair  
 Hannah, John M.  
 Hannifin, Margaret Ann  
 Hansen, Wendy K.  
 Harper, Darlene Huppi  
 Harris, George Edward  
 Harris, Vicky Lee  
 Harrison, Carmen R.  
 Harrison, Janet  
 Hatch, Janis Hyer  
 Hayes, Debra Ann  
 Henderson, Charles Grant  
 Henke, Robert Carl  
 Henry, Mary Karin  
 Hillman, Brenda  
 Hinton, Kathryn Ann  
 Hockin, Fay M.  
 Hoggan, Kay  
 Homer, Diana K.  
 Isaacson, Douglas John  
 Jardine, Jerry Brent  
 Jensen, SueAnn Ludlow  
 Jenson, Craig Iverson  
 Jeppesen, Denise Lynn Reichman  
 Jeppesen, Michael Earl  
 Jeppson, Jo Ann  
 Johns, Margaret Alice  
 Johnson, Angela  
 Johnson, Gay  
 Johnson, Tana Elaine  
 Jones, Karen Marie  
 Jorgensen, Kirk Myron  
 Jorgensen, Yvonne T.  
 Katz, Jonathan Booth  
 Keaton, Jean Staffanson  
 Kelly, Elizabeth Anne  
 Kelsey, Glenda Collins  
 Kemp, Sheri  
 Kennington, Gail Grunig  
 Kerns, David Leslie  
 Kidd, Shauna  
 Kofford, Lora Lee  
 Kohler, Peggy Sue  
 Kreikemeier, Lori Ann  
 Krueger, Cynthia M.  
 Krumpster, Elizabeth Ann  
 Kubala, Rebecca D.  
 Lake, Rebecca Tueller  
 Lambertsen, Steven R.  
 Landon, Lauren Ann  
 Larsen, Kay Lynn  
 Lawton, Judith M.  
 Lebeau, Eva Lorraine Lori  
 Leidich, Christine  
 Leishman, Terrie Lee  
 Leung, Martha Fung Chi  
 Liechty, Michael Roy  
 Linford, Rose Ann Thompson  
 Linton, Jana Eliason  
 Litz, Cathrine  
 Loosle, Peggy A.  
 Loosli, Karen Skeen  
 Luke, William D.  
 Mangum, Jill Marie  
 McCoid-Martin, Glenette

McMillan, Nanette Joy  
 McMurray, Doreen Marie Little  
 Meldrum, Linda Rae  
 Meppen, Debra  
 Mieure, Jim Andrew  
 Miles, Joanne  
 Mitchell, Elizabeth Bennion  
 Morgan, Julie Quinn  
 Mosman, Craig William  
 Mudgett, Brenda S.  
 Mulford, Gary Mark  
 Murdock, Ross Christian  
 Necefer, Julie Anne Fodor  
 Nelson, Alisa  
 Newhall, Maurine Kae Smith  
 Nielsen, Deann  
 Nielsen, Nancy Ann  
 Noble, Melanie  
 Nolen, Michael James  
 North, Sandra  
 Notwell, Amy Lynn  
 O'Brien, Avrilie Atkinson  
 Oaks, Judy C.  
 Okada, Jann I.  
 Olsen, Debra  
 Olsen, Eric Reed  
 Olsen, Suzanne  
 Origa, Jacob Ikoh  
 Parker, Kimberly Ross  
 Parrish, Allison Phillips  
 Parrish, Cynthia Ann Hjorth  
 Parrish, Lyle Marion  
 Parslow, Julia Buck  
 Pattison, Diana Bergener  
 Pawelek, Margaret Sue  
 Pawelek, Mary Beth  
 Peery, Teri  
 Petersen, Susan Wright  
 Petersen, Wendie S.  
 Peterson, Ann  
 Petrini, Robin Juneann  
 Phelps, Brady Justin  
 Poulsen, Teresa  
 Price, John Robert  
 Raines, Julia Hammond  
 Ramondino, Dimsonett  
 Rasmussen, DeAnn  
 Rasmussen, Lorna  
 Redd, Barbara Smith  
 Redden, Kathy Marlene  
 Rich, Lorraine  
 Rich, Valarie M.  
 Richins, Virginia  
 Riggs, Leslie Crawford  
 Riley, Colleen Lee  
 Rindlisbacher, Kelly Jon  
 Robinson, Brian Richard  
 Robinson, Cheri Wyness  
 Rogers, Allen L.  
 Rogers, Nancy Ann  
 Roskelley, Linda  
 Royer, Peggy Lynn Christensen  
 Rudd, Susan  
 Salvo, Albert P.  
 Sampson, Charles Easton  
 Saunders, Kristin Ruth  
 Savelkoul, Candace A.  
 Sayama, Lillian M.

Schaum, Gregory J.  
 Searle, Eleanor  
 Shaw, Norman James  
 Shiozaki, Wonae  
 Simes, Jan Alane  
 Singleton, Ann  
 Slack, Pamela Bezzant  
 Smith, Bonnie Baird  
 Smith, Dean C.  
 Smith, Debora Rae  
 Smith, Kim  
 Smith, Linda  
 Smith, Tracy A.  
 Spackman, Toni  
 Spring, Verlyn J.  
 Stanford, Tracy Lynn  
 Steele, Kellie  
 Stokes, Diane  
 Stolworthy, Connie Young  
 Street, Caroline  
 Stringham, Gary D.  
 Stucki, Anita  
 Sullivan, Kristy Western  
 Sutton, Deena Lynn  
 Tan, Linda Ruth Cochran  
 Tao, Kenneth H.  
 Tateoka, Lisa  
 Tavana, Akram  
 Tavana, Asghar  
 Taylor, Cindy Lynne Carter  
 Taysom, Kathryn  
 Tennyson, Jerolyn K.  
 Terry, Vivian Hickman  
 Thiltges, Mary K. O'Bagy  
 Thomas, Sally  
 Thompson, Dorilee  
 Tomsic, Gina Marie  
 Torgesen, Sue Ann Michelson  
 Townsend, Martianne  
 Trueblood, Cindy Lou Gines  
 Tuft, Jan Marie  
 Tyler, David Allen  
 Vance, Kaylene Ashby  
 Vogt, Mary Lorene  
 Wade, Jana Lee  
 Walker, Janene  
 Wallis, Melanie A.  
 Wallis, Scott Lee  
 Warner, Jacquelin  
 Warner, Roger Poll  
 Warr, Lauralea  
 Watson, Suzanne R.  
 Weese, Diane Rich  
 Welsh, Connie Maughan  
 Whitaker, Susan Kay  
 White, Lucinda Palmer  
 Whiting, Marcia Dawn  
 Wightman, Paul Dominic  
 Wilson, Catherine Grace  
 Wilson, Janae  
 Wilson, Maria Ester  
 Winward, Dana L.  
 Woodard, Lori K.  
 Woodmansee, Christine Leishman  
 Worden, Stevan Donald  
 Worthington, Jane  
 Young, Diane



# Engineering

## A. Bruce Bishop

### Dean

Aikenhead, Keith K.  
Aletraris, Sofoclis Socrates  
Alford, G. Christian  
Allen, Norman C.  
Amery, Mehdi  
Aminian, Hossein  
Andersen, John William  
Anderson, Michael Kim  
Anderson, Tony J.  
Andrus, James Howard  
Aragon, Ken  
Atkins, William A.  
Bahrabadi, Kazem  
Bair, David Ray  
Balk, Ernest Raymond  
Balmos, Bridget L.  
Barkdull, Michael Jay  
Barker, William Chris  
Baudhuin, Christian Neill  
Bennett, Marty Scott  
Bischoff, Jon E.  
Bishop, D. Roger  
Boggs, Jack H.  
Bowen, Mark Allen  
Brooksby, Craig Albin  
Burns, Susan Kay  
Burton, David D.  
Bustillo, Rene Adrian  
Cannon, Jeff D.  
Cassingham, Delmar E.  
Changiz, Majid  
Chase, Kenneth Charles, Jr.  
Checketts, Gus Arthur  
Cloward, Jerry Johnson  
Cornia, Lynn C.  
Curtis, Randal Jay  
Dalton, Mark A.  
Deakins, Scott M.  
Dilanchian, Hamik  
Donehue, Thomas Francis  
Duff, Phillip Guy  
Earl, Calvin L.  
Elliott, Robin James  
Embry, Leo J.  
Embry, Richard Denny  
Emch, Jeffery Timon  
Esplin, Ernest Israel  
Evans, Mark  
Falak-Farsa, Farbod  
Falakfarsa, Fardad  
Farley, Michael A.  
Fowler, Scott D.  
Fullmer, Michael Lynn  
Gamber, Barry Allen  
Ghannad Hossienzadeh, Abolghasem  
Ghazi-Tabatabai, Mohammad Ali  
Gili, Ali  
Gonzalez, Gary Ignacio  
Gonzalez, Horacio F.  
Gruver, Jeffrey Carlton  
Hafeez, Shahzad

Haider, Kamran Syed  
Hancey, Reed Scott  
Hansen, Marc David  
Hansen, Ned R.  
Hansen, Paul A.  
Hart, Alan R.  
Hart, Michael Grant  
Hatch, Scott Courtney  
Hayes, Richard Young  
Hogge, Chris Charles  
Holt, Gayle Lynn  
Hongskul, Rungkamol  
Horiuchi, Ricky J.  
Hosseini, Said Abdolmajid  
Howell, Jon Lee  
Hutchins, Douglas M.  
Jafari, Jahanshir  
Jahansouz, Reza  
Jansen, Larry Russell  
Jensen, Kevin Richard  
Jensen, Valdon Chris  
Jenson, Thomas Avril  
Johnson, Doryn Ladd  
Jomaa, Ahmad Ali  
Kani, Ebrahim Assadi  
Kartchner, Gene B.  
Kent, Gregg T.  
Kluzek, Paul C.  
Lamborn, Lyndon C.  
Lance, Craig B.  
Larsen, Kent Reuben  
Lautenschlager, Gerald L.  
Leong, Koh-Hong  
Love, Thomas A.  
Luke, Kyle James  
Mace, Charles Allen  
Madsen, Gary Conrad  
Mahonski, Michael John  
McKenna, Reed E.  
Meacham, Steven Donald  
Mecham, Clive C.  
Mikkelsen, Ned Harold  
Miller, Kay  
Miller, Laurel D'Ray  
Miller, Mark  
Milligan, Michael Larry  
Moake, Donald Scott  
Mohammed, Adnan Awwad  
Mohtat, Bahman  
Monroe, Charlie Miller, Jr.  
Moore, Tracy Eden  
Moosavi, Seyed Nematollah  
Morgan, Terral Wayne  
Mortimer, Gary Moss  
Mushahwar, Ramzi Ibrahim  
Nickolaisen, Karen L. Eckman  
Nielsen, Kevin D.  
Nielson, Charles Howard  
Olsen, Alan Bill  
Palo, Richard C.  
Perkes, David James  
Pound, Wesley Franklin  
Prescott, Tony Lamar  
Ramsey, Keith E.  
Ream, Marc B.  
Reichard, Daniel Floyd  
Rezaee, Hossein Ghasemzadeh

Ritchie, Todd R.  
Roddy, Eric C.  
Rojas, Jose Fernando  
Rostami, Charati Ali Reza  
Sedagatnia, Hassan  
Shahnavaz, Shahdad  
Shamloufard, Jamshid  
Shaw, Ernal A.  
Sheffield, Robert L., Jr.  
Siahpush, Syyed Ali  
Siebach, Ronald Karl  
Smith, David Lee  
Steele, Robert James, III  
Steele, Susan Lee Christensen  
Stewart, F. Robert  
Stocking, Larry Condie  
Tavakkoli, Shahriar  
Taylor, Paul James  
Terry, Michael R.  
Thiel, Thomas N.  
Thon, Gene David  
Tolman, Stanley E.  
Vahidi-Dastgerdi, Daryush  
Van Raden, Roy E.  
Vandervalk, John Henry  
Volosin, Dennis Edward  
Wadium, Christopher Stephan  
Wahlen, Bret G.  
Walker, Layne J.  
Wall, Dean A.  
Warburton, Don Lee  
Welker, Paul Samuel  
Westcott, Kevin Dale  
Whitby, Rowe Dell  
Willie, David John  
Wong, Wing-Lai  
Woozley, Suzy  
Yau, David Ying Yee  
Younesi, Davood  
Young, William Morris  
Zamora, Marjorie E.  
Zgheib, Philippe  
Zollinger, William Thor  
Zontek, Edward Frank, Jr.

## Two Year Diplomas

### Aeronautics

Fowler, Bobby D.  
Martin, Dwight L.  
Suddreth, Michael Lindsay

### Drafting

Erickson, Alan Noble  
Johnson, David H.  
Liddiard, Harold Todd  
Ramsey, Keith E.  
Ross, Bruce Wade  
Tucker, Kimball Ted

## Family Life

Joan R. McFadden

Dean

Allen, Rita Kupfer  
Anderson, JaNall  
Anderson, Janet Ann Bradshaw  
Andrews, Doris  
Bangerter, Cindy Parson  
Baudhuin, Ellen Kay Hosking  
Black, Marilynn  
Blaser, Lisa Spendlove  
Bodrero, Teresa May  
Breitenbeker, Lisa  
Brewer, Kim G.  
Call, Julie Bracken  
Carter, Cathy  
Criddle, Cindy Leigh  
Dailami, Farzaneh Akbar Ghaleb  
Durrant, Lezlie Souter  
Eldredge, Tana F.  
Emery, Joy Ngozi  
Erickson, Lisa  
Gillis, Theresa Ann  
Granger, Kimberly L.  
Griffin, Debbie Lynn  
Groneman, Bonny J. Giacomo  
Groutage, Kristan Fjeldsted  
Hall, Joanne Lee Matthews  
Hayase, Reiko  
Hill, Donna Lynn  
Hoffman, Kathleen Marie  
Hunting, Peggy V. Rasmussen  
Hurst, Sonya D.  
Imlay, Joan Christner  
Jeffer, Patti Marie  
John, Kathleen Carlson  
Johnsen, Susan Bennion  
Jolley, Jan  
Jones, Raleen Kaye  
Kartchner, Kari  
Kuhlmann, Mary Kaye Madsen  
Matheny, Teresa Jean  
Matthews, Lynette  
McDonald, Julie Ann Kalaher  
Merrill, Julie K.  
Moore, Beverly  
Myron, Sharon Louise  
Nelson, Shelly Anderson  
Nickel, Jody Lynn  
Niederhauser, Melissa K. Barrett  
Nyborg, Kathryn Marie  
Palmer, Suzanne H.  
Parry, Tawna K. Edman  
Payne, Kathryn  
Petersen, Carolee  
Peterson, Laurie  
Rasmussen, Polly A.  
Rindlisbacher, Tammy Crump  
Robinson, Cheryl Elliott  
Saingbe, Felicia N.  
Schaetzel-Hill, Laurie Jean  
Seamons, Judith Ann  
Serna, Leslie J.  
Sessions, James Kenneth  
Stangl, Margo W.

Stephens, Monte Sterling  
Stephenson, Margie Kaye  
Stevens, Karen  
Stowell, Tana Lee Stone  
Thomsen, Marianne  
Thorkildsen, Jane I.  
Tugaw, Julie A.  
Valcarce, Rebecca Wycisk  
Westenskow, Sheri Lynn  
Wheeler, Kathryn  
Williams, Diane  
Woodward, Ronda Rae Ferrell  
Young, Deborah Joy Bush

## Humanities, Arts and Social Sciences

William F. Lye

Dean

Abed Al Rahman, Edith Marie C.  
Abegg, Toni Lee  
Ahern, Sharon  
Alder, Rex Craig  
Allen, Rodney A.  
Allred, Daren Leon  
Andersen, Janice  
Andersen, Neil John  
Anderton, Daniel Thomas  
Apiki, Lauren Hokulani  
Applegarth, Mark Alan  
Arnold, Mary Marie  
Ashcroft, Marvin Ernest  
Bair, Douglas Glade  
Bakalian, Samuel Robert, Jr.  
Ballard, Nancy R.  
Bangerter, Jodi L.  
Barbieri, Richard M.  
Barker, Dean S.  
Barker, Edwin James Charles  
Barnes, Michelle Louise  
Barrett, Susan  
Barry, Steven Douglas  
Bassing, Shirley Ann  
Beebe, Kimberlee E.  
Benn, Jackie M.  
Benson, Jan Horton  
Bergener, David R.  
Bern, David J.  
Beutler, Jamie  
Bingham, Bradley P.  
Blank, Curtis Lane  
Blonquist, Tonja  
Botts, Christine Lee  
Bowden, Deborah A.  
Boyce, Patrick Lee  
Bradshaw, Jerrold Vincent  
Braley, Douglas Scott  
Bratt, Jerry Lynn  
Brown, Greg P.  
Bruce, Lori Lynn  
Buck, David Todd  
Bunting, Tracy A.  
Burica, Timothy C.  
Burnett, Jerry Scott

Bybee, Sandra J.  
Cahill, Sean  
Call, Dick Burley  
Calvert, Lynda L.  
Carlman, Leonard Robert  
Carlson, Michael Lewis  
Cates, Earl Calvin, Jr.  
Chandler, Edward G.  
Chavoshian, Mahnaz  
Chelemes, Ellen  
Chiba, Setsuko  
Christenson, Carey "A"  
Cole, Walter Edwin  
Cornelison, Rickie Dale  
Costley, Carolyn M.  
Cote, John J.  
Coupe, Janet Louise Mark  
Cowan, Christy Eileen  
Cowley, Kerry Stebbing  
Cropper, Ron P.  
Dailami, Fereshteh  
Dalley, Amber Marie  
Dalton, David Thomas  
Daurelle, Sharon L.  
Davis, Melvin Jeffrey  
Dehart, Sharon Kay Jones  
Demple, Patricia L.  
Dilanchian, Lorie Moore  
Dolan, Timothy Francis  
Dolid, Karen Elizabeth  
Domenici, Charlotte Lee  
Douglas, Sue  
Douglass, James Blaine  
Dressler, Tracy Lynne Hill  
Durrant, Roxanne  
Dye, Gary G.  
Eccles, Matthew R.  
Edwards, Theodore Mark  
Ellis, Nancy Jane  
Ely, John Cullimore  
Erni, Rosie Mueggler  
Essig, Clay T.  
Evans, Bruce C.  
Evans, Ryan A.  
Falslev, Scott LaRon  
Farmer, Clint Charles  
Ferkany, Patrick Andrew  
Fletcher, Scot L.  
Forrette, Candace Marie  
Fox, Bruce Miner  
Fryer, Vicky Westmoreland  
Fuellenbach, Jan  
Gardner, Robert Dale  
Garman, David Lee  
Geary, Lisa Dawn Nalder  
Gereaux, Julia K.  
Geyerman, Chris B.  
Ghalee, Paiman  
Gibbons, Gay  
Gilmore, Kathleen  
Gingell, Shari Lyn  
Glauser, Steven Wayne  
Glavin, Carrie Francis  
Gomez-Mijares, Ramon A.  
Goodman, Brenda  
Green, Robert C.  
Greene, Kristin Lynn  
Griffin, Merle Woolley

Griffith, J. Casey  
 Grisby, Eric Herman  
 Hambly, Kelleen Smith  
 Hamby, Kathleen M.  
 Hamilton, Jane Kirkbride  
 Hansen, Mark B.  
 Hansen, Ray B.  
 Hansen, Terry L.  
 Harmsen, Larry Harlan  
 Hara, Sonoko  
 Harries, Matthew Scott  
 Hart, David Whitlock  
 Hauserman, Dian K.  
 Hayes, Kenneth Owen  
 Heaton, Lisa J. Colonna  
 Hedin, Monty Hurst  
 Henrie, Michael L.  
 Hickman, Susan Jane  
 Hintze, Susan Lee Allman  
 Hislop, Malley Tracy  
 Holden, Theora Marea Balsam  
 Holt, Golden R.  
 Holt, Stanford Kim  
 Homer, Suzette  
 Hong, Lily Toy  
 Hortin, Randy Jay  
 Houghtaling, James  
 Houtz, Becky  
 Humphry, JoAnne Catherine  
 Huppi, Julie Carlson  
 Ibach, Anne M.  
 Irvin, Ronald Paul  
 Jacobs, Lori  
 Jacson, Steven Lee  
 Jarman, Paul Y.  
 Jensen, Debra Kaye  
 Jensen, Ilene  
 Jensen, Kirk E.  
 Jessop, Douglas James  
 Johnson, Grant P.  
 Jorgensen, Maren  
 Kadlec, Beth Aileen  
 Katebini, Nooshin  
 Kay, Kristina L.  
 Kelley, David Edmund  
 Kemp, Kerry  
 Kennedy, William Hank  
 Killian, Kevin E.  
 Kilpatrick, Stephen Michael  
 Kirwan, Kelly M.  
 Kline, Richard Franklin  
 Kowallis, Kim K.  
 Kuwajima, Yoshie  
 Lacy, Michael G.  
 Lager, William S.  
 Lamb, Barbara M. Lutz  
 Larson, Milagro  
 Lauderdale, Linda L.  
 Lauritzen, Gay Nickle  
 Lauritzen, Ruth  
 Lee, Steve H.  
 Lewis, Clair M.  
 Lewis, Tracy M.  
 Leylani, Kathy Ann  
 Linderman, Sandra Robinson  
 Lindstrom, Lori  
 Loosle, Michael K.  
 Loosle, Steven G.

Loveland, Daniel Charles  
 Loveless, Roger Karl  
 Lower, Jay L.  
 Lucero, Sam M.  
 Lucherini, Monte Jay  
 Lye, William Mark  
 Lyman, Eric Alfred  
 Lynch, Wanita Ann  
 Macbeth, Eulalia  
 Malan, Dee Farrell  
 Mann, Kristin Poulsen  
 Manning, Roger C.  
 Martin, Terrazza M.  
 Martineau, Cheryl  
 McCall, Marc David  
 McCammon, Kim  
 McClintock, Scott Paul  
 McEvoy, Grady Alwyn  
 McIntyre, Donald James  
 McKnight, William Mark  
 McMurdie, Cristi A. Binford  
 Medved, John Anthony  
 Mehrkish, Ali Reza  
 Mesch, Rebecca Kathleen  
 Miller, Bart Dennis  
 Miller, Janice Marie  
 Milovich, Todd R.  
 Mimura, Kazuko  
 Moore, Christie Thompson  
 Moser, Teri  
 Moss, Melodie  
 Muncy, Nancy Parkinson  
 Munk, Shaun M.  
 Murphy, Verl A., Jr.  
 Murri, Mike R.  
 Na'Man, Nawaf  
 Nay, Cleve Duane  
 Nelson, Eloise  
 Nelson, James H.  
 Niaki, Peymaneh  
 Niaki, Saghi  
 Nielson, Pamela  
 Noble, Joseph David  
 North, Tracey  
 Okonji, Jacques Norgan Amaechi  
 Okore, Polycarp Okore Nwankwo  
 Olsen, Leslie Ann  
 Olwin, David Thomas  
 Orton, Frances Patrick  
 Parrish, David Blair  
 Parrish, Emily  
 Perry, Valera Dawn  
 Petersen, Reid Aaron  
 Peterson, Boyd J.  
 Peterson, Karl Brad  
 Peterson, Mary Kay  
 Pettigrew, David William  
 Pierce, Wade Stewart  
 Pisker, Donald J., Jr.  
 Plante, Lawrence Allan  
 Pleisch, Walter Eugene  
 Powell, Vicki L.  
 Pratt, Susan K.  
 Probst, Patricia C. Irvine  
 Rager, Reanon  
 Rawson, RaDene  
 Regan, Robert Francis  
 Richards, Daniel E.

Rickson, Michael Wayne  
 Rigby, Bruce Gordon  
 Rigby, Eric Don  
 Rigby, Suzanne  
 Risk, Thomas Muir  
 Rogers, Lisa Lee  
 Rokni, Afsaneh  
 Rollheier, Robert L.  
 Roque, Elaine Marie  
 Royer, Bruce Lester  
 Rubsam, Julie Basch  
 Russell, Robin  
 Rutherford, Scott  
 Sackett, Sydney J.  
 Sak, Michael Gerard  
 Sapyta, Pamela J.  
 Savoy, Mark Anthony  
 Schennum, Paul Dixon  
 Schillaci, Maria Lenora  
 Schneller, Mark George  
 Schroeder, Kevin O'Hara  
 Scott, John George  
 Shafer, Michael Dean  
 Shafer, Susan M.  
 Shannon, David Ryan  
 Shields, Joann  
 Shomaker, Joyce  
 Shiahpush, Syyed Mohammad  
 Simmons, Richard Michael  
 Simone, James Arthur  
 Simpkins, Glenda L.  
 Skabelund, Greg  
 Smith, Jeanne L.  
 Smith, Lila M.  
 Snyder, Stacy Jo  
 Snyder, Stephanie Kathleen  
 Socwell, David Earl  
 Sokolik, Leslie Charles  
 Sorenson, Alleen Debra  
 Southwick, Stanton William  
 Spackman, Julee  
 Sparks, Penni Daun  
 Squire, Jean Marie  
 Standriff, Scott F.  
 Stanger, Reed Lee  
 Stein, Kimberly Pierce  
 Stengel, Michael W.  
 Stewart, Rebecca  
 Stewart, Robert Lane  
 Stratford, Sharon  
 Summers, Jed Owen  
 Swales, Jean Ruth  
 Sylvester, Lisa K.  
 Taylor, Lance Beale  
 Thatcher, Susan  
 Thomas, Karen  
 Thomas, Marilyn Rae  
 Thorne, C. Brock  
 Tirey, Marina A.  
 Toddy, Irving James  
 Torgensen, Kirk Morris  
 Trapp, Michael Ivan  
 Trenholm, Carrie L.  
 Trueblood, Roger William, Jr.  
 Turner, Tracy Eyre  
 Varanakis, James M.  
 Varley, Michael S.  
 Volking, Gertrude Rebecca

Wagstaff, W. Reed  
 Wallace, Katherine Renee  
 Warner, John L.  
 Warrick-Bishop, Colleen Kay  
 Washington, Lance Eric  
 Webb, Teresa Jill  
 Weeks, Kenneth Wayne  
 Westenskow, John Andrew, Jr.  
 Western, Robert Kent  
 Whelan, Brian Kendall  
 White, William Elliott  
 Williams, Shellie  
 Williamson, Julie M.  
 Wilson, Ann E.  
 Wilson, Larry Mark  
 Windfelder, Judy Ann  
 Windley, Kathryn  
 Wiss, Robert Dudley  
 Worden, Jean M.  
 Workman, Stephanie  
 Worthen, Thomas Kenne  
 Wyatt, Brynne  
 Yamashita, Kaneo  
 Yorgason, Matthew McCloy  
 Yoshida, Yoshiki

## Natural Resources

Thadis W. Box

Dean

Adelhardt, Gary P.  
 Anderson, Carl John  
 Anhold, John Albert  
 Ba-Bello, Abubakar  
 Baessler, Jeffrey  
 Bertagnolli, Mike L.  
 Birch, Warren Adair  
 Borthwick, Sandra Marie  
 Brooks, Lloyd Timothy  
 Brzinski, Theodore Anthony  
 Bullough, Richard C.  
 Burge, Deborah Ann  
 Bushee, Steven Duane  
 Christensen, Julie Kae  
 Cipriani, Mark A.  
 Clark, Jennifer Lee  
 Connors, Kevin James  
 Corts, Karen Elizabeth  
 Cougan, Karen Ann  
 Coyle, Virginia Marie  
 Crawford, James Allen  
 Creasey, Michael Scott  
 Crisafulli, Charles Michael  
 Cruz, Enio Dario  
 Cuch, Carlin D.  
 Curtis, Jeffry Glen  
 Davis, Deena  
 Davis, Suzanne M.  
 Denda, Issa  
 Earnshaw, Cheryl Lynn  
 Erickson, Julie A.  
 Fay, Suzanne Marie  
 Fischer, Robert G.  
 Freeman, MaryAnn

Freeman, Shane S.  
 Glanville, Dean Bailey  
 Grady, Richard James  
 Grenon, Alan G.  
 Hall, Henry A., Jr.  
 Hardcastle, Val B.  
 Heppler, Brad M.  
 Hexem, Kelli Rene  
 Horton, William Howard  
 Huff, Everett Wesley  
 Huffman, Michael R.  
 Janssen, Laurie Hill  
 Kelly, Brian T.  
 Kennedy, Robin Elizabeth  
 Kofoed, W. Clair  
 Lilieholm, Robert J.  
 Lowder, Jay Matthew  
 Lowry, George White, III  
 Ludvigsen, Elizabeth, Louise M.  
 Lytle, John A.  
 Madany, John Steven  
 Mander, Robert Don  
 Martinez, Elizabeth H.  
 McGovern, James Joseph, Jr.  
 Miller, Jerry W.  
 Morrone, Sisto John  
 Nasiatka, Gary S.  
 Nasiatka, Janice L. Schollard  
 Nelson, Merrill Allen  
 Nnadiugwu, Samuel Ubanagum  
 Olenichak, Anthony Stephen  
 Paur, Kenneth Dale  
 Povilaitis, Victor Peter  
 Prevedel, Brett J.  
 Reade, Derek Scott  
 Ream, Foster Lane  
 Rehor, Thomas George  
 Rider, Vickie Joyce  
 Riley, Larry Edwin  
 Roberts, Connie Jeanne  
 Robinson, William D.  
 Roe, Douglas Charles  
 Roth, Cynthia Ann  
 Rouse, Earl Scott  
 Routman, Keith Dennis  
 Rowland, Audrey Anne  
 Saccomano, Barbara A.  
 Salihi, Dah  
 Saupe, Craig Allen  
 Schoppmann, Kevin Duard  
 Schwan, William Norman  
 Sechrest, Etta Kay  
 Stackhouse, Mark Alan  
 Stark, Douglas O.  
 Steinert, Terry L.  
 Stewart, Donna Lynn  
 Stock, Karl Feron  
 Thomas, Terry Ross  
 Thompson, Michelle Sue  
 Vandygriff, James Clyde  
 Wadleigh, Linda L.  
 Wehking, Edward Ellis  
 West, Laura Jo  
 Whalen, Paul James  
 Whelan, James E.  
 Williams, G. Michael  
 Wilson, Richard Alan

Woody, Carol A.  
 Wooten, Dennis Joseph

## Science

Ralph M. Johnson

Dean

Abu Bakar, Nor Hashimah  
 Ackroyd, Richard Smith  
 Adams, Barbara Jean  
 Allen, Steven Robert  
 Allo, Simon Ngotcho  
 Allred, Ted R.  
 Anderson, Mark Rodney  
 Arnold, Janie E. Konakis  
 Ashcroft, Gayle  
 Bailey, Shawn E.  
 Ball, Bradford James  
 Bastian, Debora Laine W.  
 Beikmohammadi, Judith Hulme  
 Berg, Sven Thomas  
 Bigler, Bruce Martin  
 Birch, Eric Gray  
 Bradley, Todd  
 Bragdon, William Craig  
 Bramblett, Robert Glenn  
 Bray, Arthur Gould  
 Brezack, James Martin  
 Briel, Donald Russell  
 Brown, Jack D.  
 Burton, Edward M.  
 Burton, Reese Russell  
 Butler, Kirk Allen  
 Carroll, Paul T.  
 Castillo, Manuel Eduardo  
 Chambers, Fred, III  
 Chang, Shin-Lan Lee  
 Clark, David James  
 Clawson, Kevin Tracy  
 Coor, Samuel Edward  
 Cruff, William  
 Curtin, James John  
 Daines, Clifford Donald  
 Dalley, Amber Marie  
 Davanzo, Laurie  
 Eichler, Douglas Richard  
 Emenger, Robert Sinclair  
 Engelder, William K.  
 Erickson, Jacci L.  
 Fallahi, Helen  
 Gerber, Gary Grant  
 Gregory, Roy D.  
 Gubernick, Robert A.  
 Hansen, Scott B.  
 Harcourt, James Gregory  
 Harraf, Tabandeh  
 Hatfield, Julia  
 Hsiao, Chi-Chun  
 Hubickey, Paul J.  
 Hume, Denise Pressett Porter  
 Hunt, Kelly D.  
 Irwin, David Ross

Janoo, Laurence Xavier  
Jenkins, Mary Kathryn  
Jensen, Jeffrey DeLyle  
Johnson, Jeffrey Lorenzo  
Johnson, Kendall B.  
Jones, Corrinne Ruth  
Kahler, Ray Newell  
Kajiwara, Yasumasa  
Katseanes, John T.  
Keetch, David William  
Keller, Bradley W.  
Kelly, Carlos Nolean  
Kiefer, Karen J.  
Kirby, V. Jim  
Kramer, Jay Niel  
Larson, Steven R.  
Leigh, Eleanor  
Leising, Janet  
Lewis, Russell Richard  
Leylani, Omid Abdul-Majid  
Livingston, Colleen Gwen  
Lund, David Wynn  
Luzietti, Eugene Anthony  
May, James K.  
McConnell, John W.

McKay, Steven Michael  
Miller, Larry Louis, Jr.  
Mitchell, Ronald  
Money, Dale Alan  
Muth, Lisa H.  
Neff, David William  
Neville, Jane M.  
Nickolaisen, Niel Raymond  
Nielsen, Joseph Ryan  
Oblock, William R.  
Oluo, Emmanuel Anero  
Peck, Vickie M.  
Petersen, Blake Marcus  
Peterson, Jay Royal  
Petrosky, Michael Joseph  
Pierce, Jeffrey Lynn  
Ponti, Ivano Elio  
Pratter, Daniel  
Quigley, Robert Christian  
Quintana, Tim Joe  
Rasmussen, Randy P.  
Rickards, Jack B.  
Riding, Jack E.  
Roe, Lynn Frederick  
Rukavina, Ramona

Rukavina, Richard Tony  
Sahami, Fatemeh  
Saterthwaite, Delwynn  
Shaw, Kenneth N.  
Shokoohi, Vida  
Skidmore, Shauna  
Smith, Terri Lynn  
Snider, Craig Christian  
Snow, Kirs Larrabee  
Spoonier, Scott David  
Steadman, Roland Max, Jr.  
Stock, Kevin Turner  
Taylor, Matthew James  
Teot, Eric Stafford  
Thompson, Michelle  
Thompson, Paula  
Thuis, Stephen Robert  
Toguchi, Satoru  
Torrealba, Vasquez Elio  
Tschudy, Darlene  
Tur, Juan Jose  
Urry, Mark H.  
Whitmer, Dennis Lee  
Yokono, Kenichi



# Graduate Studies

Alan M. Hofmeister

Dean

## Doctor of Philosophy

Allen, Dean G.

Burley, Idaho

MA: Idaho State University, 1972

Major: Psychology

Major Professor: Dr. William R. Dobson

Dissertation: Autonomic Self-control of Clinical Relaxation as a Function of Imagery

Badamchian, Mahnaz

Tehran, Iran

MS: University of Azarabadegan, 1974

Major: Biochemistry

Major Professor: Dr. E. A. Boeker

Dissertation: Cow Brain Glutaminase: Purification and Influence of Phosphate and Borate Ions on its Activity and Molecular Weight

Ballard, Richard Grant

Hamilton, Montana

MS: California State University, Northridge, 1978

Major: Biology

Major Professor: Dr. M. A. Walsh

Dissertation: The Pathogenicity of Blue-stain Fungi on Lodgepole Pines Attacked by Mountain Pine Beetles

Bergado, Dennes Taganajan

Calaran, Calamba, Misamis Occidental, Philippines

MEng: Asian Institute of Technology, 1976

Major: Engineering

Major Professor: Dr. Loren R. Anderson

Dissertation: Probabilistic Assessment of the Safety of Earth Slopes Including Pore-pressure Uncertainty

Bhasker, Rao Kidiyoor

Udupi, Karnataka, India

MS: Indian Institute of Technology, 1978

Major: Engineering

Major Professor: Dr. David S. Bowles

Dissertation: A Water Flow-Salt Transport Model to Simulate Salt Efflorescence

Burt, Charles Michael

San Luis Obispo, California

MS: Utah State University, 1975

Major: Engineering

Major Professor: Dr. Jack Keller

Dissertation: Regulation of Sloping Canals by Automatic Downstream Control

Chern, Shiann Jang

Keelung, Taiwan ROC

MS: Utah State University, 1982

Major: Engineering

Major Professor: Dr. Irving S. Dunn

Dissertation: Finite Element Solution for One Dimensional Nonlinear Viscous Consolidation Theory

Cook, Ronald Lee

Greeley, Colorado

AB: University of Northern Colorado, 1977

Major: Chemistry

Major Professor: Dr. Joseph G. Morse

Dissertation: Ligand Modification of the Electronic Properties of Group VIb Carbonyls by Bidentate Phosphines

Cosentino, M. James

Pittsburgh, Pennsylvania

MS: Ohio University, 1976

Major: Biology

Major Professors: Dr. J. A. Gessaman, Dr. E. A. Boeker

Dissertation: Prostaglandins and Cyclic Nucleotides in the Ram Reproductive Tract

Cundy, Terrance William

Richfield, Minnesota

MS: University of Minnesota, 1980

Major: Watershed Science

Major Professor: Dr. Richard H. Hawkins

Dissertation: An Analysis of the Effects of Spatial Variability of Point Infiltration Rates on the Comparison of Small and Large Plot Rainfall Runoff

Davis, Irvin Lee

Clifton, Idaho

BS: Utah State University, 1977

Major: Physics

Major Professor: Dr. William R. Pendleton, Jr.

Dissertation: A Theoretical Investigation of State-changing Thermal Collisions Between Rydberg Atoms and Ground State Noble Gas Atoms

De Leon, Alfredo A.

Merida, Merida, Venezuela

MS: University of California, Berkeley, 1980

Major: Engineering

Major Professor: Dr. Roland W. Jeppson

Dissertation: Hydraulics of Debris Flow

Denig, William Francis

Glens Falls, New York

MS: Utah State University, 1980

Major: Physics

Major Professor: Dr. Peter Banks

Dissertation: Wave and Particle Observations Associated with the Beam Plasma Discharge in a Space Simulation Chamber

Duus, Richard E.

Washington, D.C.

MS: Eastern Washington University, 1975

Major: Psychology

Major Professor: Dr. Richard B. Powers

Dissertation: Transitivity in the Choice Behavior of Rats

Ecker, David John

Trenton, New Jersey

BA: Trenton State College, 1976

Major: Biochemistry

Major Professor: Dr. Thomas Emery

Dissertation: Iron Metabolism in *Ustilago Sphaevogena*; Regulation of Siderophore Biosynthesis and Iron Uptake Mechanisms

Ferris, Charles Frederick

River Heights, Utah

MS: Ohio State University, 1975

Major: Animal Science

Major Professor: Dr. Warren C. Foote

Dissertation: Quantitative Autoradiographic Analysis of Unoccupied Luteinizing Hormone Receptor Sites in Ovine Ovarian Follicles

Fife, Dennis Jensen

Brigham City, Utah

MS: Utah State University, 1978

Major: Chemistry

Major Professors: Dr. W. M. Moore, Dr. Karen W. Morse

Dissertation: Photochemical Energy Storage (Photosensitized Isomerization of Norbornadiene to Quadricyclane by Copper (I) Complexes)

Franklin, Douglas Richard

Albuquerque, New Mexico

MA: University of New Mexico, 1978

Major: Economics

Major Professor: Dr. Rangesan Narayanan

Dissertation: Economics Impacts of Water Conservation Measures in Agriculture and Energy within the Upper Colorado River Basin

Gamay, Aly Youssef

Cairo, Egypt

MS: Cairo University, 1978

Major: Nutrition and Food Science

Major Professor: Dr. Gary H. Richardson

Dissertation: Selection and Preparation of Lactic Culture Starters for Manufacture of Cheddar Cheese

Gardiner, James Carl

Brigham City, Utah

PhD: Michigan State University, 1969

Major: Psychology

Major Professor: Dr. Elwin C. Nielsen

Dissertation: A Mass Media Campaign to Promote Divorce Adjustment

Gaudreau, Martha M.

Plymouth, Massachusetts

MS: North Carolina State University, 1972

Major: Soil Science and Biometeorology

Major Professor: Dr. Robert J. Wagenet

Dissertation: The Measurement and Prediction of Spatially Variable Solute Concentrations in Fallow Fields

Gumbrecht, Judy Raucy

Salt Lake City, Utah

MS: Michigan State University, 1976

Major: Toxicology

Major Professor: Dr. Joseph C. Street

Dissertation: Distribution of Cytochrome P-450 Subpopulations within the Rat Liver Lobule

Hamilton, Annemarie Boodee

Arlington, Texas

MA: University of Texas at Arlington, 1979

Major: Biology

Major Professor: Dr. LeGrande C. Ellis

Dissertation: Effects of Cyclic Nucleotide Metabolism and Light on the Control of the Oscillations of the Pineal Enzyme, N-acetyl-transferase

Hamilton, Kirk Lee

Arlington, Texas

MS: University of Texas at Arlington, 1978

Major: Biology

Major Professor: Dr. James A. Gessaman

Dissertation: The Energetic Cost of Incubation and Bioenergetics of the Barn Owl

Harris, Chauncy Steed

Norfolk, Virginia

MS: Old Dominion University, 1978

Major: Biology

Major Professor: Dr. Frank B. Salisbury

Dissertation: Plant Responses to Clinostating and Mechanical Stress: Growth and Flowering Responses

Hennen, William John

Pearl Lake, Minnesota

BA: University of Minnesota, 1975

Major: Chemistry

Major Professor: Dr. Richard K. Olsen

Dissertation: Studies Toward the Synthesis of Streptolutine



**Hoerger, Carl R. B.**

*Midland, Michigan*

MS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. W. F. Phillips

Dissertation: An Analytical Model for the Integrated Daily Performance of Solar Air Heating Systems

**Hyun, Syng-Il**

*Seoul, Korea*

MA: Seoul National University, 1974

Major: Sociology

Major Professor: Dr. William F. Stinner

Dissertation: Industrialization and Industrialism in a Developing Socialist Country: Convergence Theory and the Case of North Korea

**Juan, Maria Lourdes del Rosario**

*Quezon City, Philippines*

MS: Utah State University, 1980

Major: Economics

Major Professor: Dr. Donald L. Snyder

Dissertation: The Economics of Information and Spatial Price Behavior: Empirical Assessment of Producers' Cattle Prices in the Western Region of the USA: 1937-1981

**Kalantar, Reza**

*Khorramshahr, Iran*

MS: Utah State University, 1977

Major: Economics

Major Professor: Dr. Basudeb Biswas

Dissertation: Monetary Disequilibrium, Black Market Exchange Rate, and the Balance of Payments (The Case of Iran)

**Kearl, Leonard Charles**

*Logan, Utah*

MS: Utah State University, 1969

Major: Animal Science

Major Professor: Dr. George E. Stoddard

Dissertation: Nutrient Requirements of Ruminants in Developing Countries

**Kwon, Ho-Youn**

*Seoul, Korea*

MS: University of Hawaii, 1972

Major: Sociology

Major Professor: Dr. William F. Stinner

Dissertation: The Effect of Child Mortality on Subsequent Family Size Preference and Reproductive Behavior in Korea

**Lubeck, Roger Clarke**

*Bloomington, Illinois*

MA: Western Michigan University, 1975

Major: Psychology

Major Professor: Dr. J. Grayson Osborne

Dissertation: An Experimental Analysis of the Stimulus-reinforcer Relations in Matching-to-sample

**Lydersen, Tore**

*Seattle, Washington*

MA: California State University, Fullerton, 1972

Major: Psychology

Major Professor: Dr. Carl D. Cheney

Dissertation: Effects of Intermittent Reinforcement upon Fixed-ratio Discrimination

**Lyons, Charles Austin**

*St. Joseph, Missouri*

BS: Portland State University, 1976

Major: Psychology

Major Professor: Dr. Carl D. Cheney

Dissertation: Time Reallocation in a Closed Behavioral System: An Analysis of Restriction Effects

**McCabe, Thomas Robert**

*Madison, Wisconsin*

MS: Oregon State University, Corvallis, 1977

Major: Fisheries and Wildlife

Major Professor: Dr. Michael L. Wolfe

Dissertation: Muskrat Population Levels and Vegetation Utilization: A Basis for an Index

**Mueller, Wesley James**

*Sidney, Nebraska*

MS: Utah State University, 1981

Major: Plant Science

Major Professor: Dr. Frank B. Salisbury

Dissertation: Responses of Higher Plant Shoots to Gravitropism

**Murkin, Henry Robert**

*Portage la Prairie, Manitoba, Canada*

MS: McGill University, 1979

Major: Fisheries and Wildlife

Major Professor: Dr. John A. Kadlec

Dissertation: Responses by Aquatic Macro-invertebrates to Prolonged Flooding of Marsh Habitat

**Nezafati, Hooshang**

*Tabriz, Azarbayedjan, Iran*

MS: George Washington University, 1976

Major: Engineering

Major Professor: Dr. J. Paul Riley

Dissertation: Salt Release from Suspended Sediments as a Source of Colorado River Salinity

**Oberdieck, Fernando Guillermo**

*St. Martin, Netherland Antilles*

MS: Texas A & M University, 1974

Major: Psychology

Major Professor: Dr. Carl D. Cheney

Dissertation: Magazine Training Trials and Context Effects on Autoshaping

**Oweis, Theib Yousef**

*Debbien, Jordan*

MS: Utah State University, 1980

Major: Engineering

Major Professor: Dr. Wynn R. Walker

Dissertation: Surge Flow Furrow Irrigation Hydraulics with Zero Inertia

**Parmenter, Robert Ross**

*Falls Church, Virginia*

MS: University of Georgia, 1978

Major: Biology Ecology

Major Professor: Dr. James A. MacMahon

Dissertation: Factors Determining the Abundance and Distribution of Rodents in a Shrub-steppe Ecosystem: The Role of Shrubs

**Payne, Jack McGillen**

*Logan, Utah*

MS: Utah State University, 1979

Major: Fisheries and Wildlife

Major Professor: Dr. David R. Anderson

Dissertation: The Application of Avian Reflectance Spectra to Wildlife Management and Theoretical Ecology

**Pearson, Lee H.**

*Orem, Utah*

BA: Brigham Young University, 1976

Major: Physics

Major Professor: Dr. Wilford N. Hansen

Dissertation: Optical Properties of Mixtures of Condensed Phase Materials in the Visible and Infra-red Spectral Regions

**Poe, Peggy J.**

*Logan, Utah*

MS: Southern Illinois University, 1980

Major: Psychology

Major Professor: Dr. William R. Dobson

Dissertation: Word Associations and the Bilateral Electrodermal Responses of High and Low Repressive Females as Measured by the MMPI R Factor Scale

**Preston, Caroline Nadia**

*Texarkana, Texas*

MS: Central Washington State, 1978

Major: Special Education

Major Professor: Dr. Alan M. Hofmeister

Dissertation: Teaching Cleaning Skills to Moderately Retarded Adults: Acquisition, Maintenance, and Generalization

**Pushnik, James Charles**

*Cypress, California*

MA: Humboldt State University, 1981

Major: Biology

Major Professor: Dr. Gene W. Miller

Dissertation: The Effects of Fluoride on Isolated Corn Mitochondria: Membrane Properties and Oxidative Phosphorylation

**Rechel, Eric Arthur**

*Franktown, Colorado*

MS: Utah State University, 1977

Major: Biology

Major Professor: Dr. M. A. Walsh

Dissertation: An Anatomical Investigation of Roots from C3 and C4 Grasses with Emphasis on Phloem Organization

**Reese, Kerry Paul**

*Harrisburg, Pennsylvania*

MS: Clemson University, 1976

Major: Fisheries and Wildlife

Major Professor: Dr. John A. Kadlec

Dissertation: The Influence of Winter Social Behavior on the Habitat Selection and Reproductive Success of the Black-billed Magpie

**Ryan, John Harold**

*Kansas City, Missouri*

MS: Troy State University, 1977

Major: Psychology

Major Professor: Dr. William R. Dobson

Dissertation: The Relationship Between Ego Identity Status, Conformity Behavior, and Personality in College Students

**Smith, Alan Kay**

*Monroe, Utah*

BS: Southern Utah State College, 1976

Major: Biochemistry

Major Professor: Dr. Thomas F. Emery

Dissertation: The Isolation and Characterization of a Novel Iron Protein From *Desulfotribrio Gigas*

**Smith, Loren Michael**

*Oak Park, Illinois*

MS: South Dakota State University, 1980

Major: Fisheries and Wildlife Ecology

Major Professor: Dr. John A. Kadlec

Dissertation: Effects of Prescribed Burning on the Ecology of a Utah Marsh

**Springer, Everett P.**

*Valley Station, Kentucky*

MS: University of Kentucky, 1978

Major: Watershed Science

Major Professor: Dr. Gerald F. Gifford

Dissertation: Nonpoint Source Transport Model for Indicator Bacteria from Western Rangeland Watersheds

**Taghizadeh-Oskoui, Kolsom**

*Tabriz, Iran*  
MS: University of Azarabadegan, 1976  
Major: Chemistry  
Major Professor: Dr. G. G. Smith  
Dissertation: A Racemization and Mass Spectrometric Study of Amino Acids and their Derivatives

**Talone, James Matthew**

*Morton, Pennsylvania*  
MEd: University of Hawaii, 1975  
Major: Psychology  
Major Professor: Dr. William R. Dobson  
Dissertation: The Use of Sensory Predicates to Predict Response to Sensory Suggestions

**Titayavan, Manas**

*Chiang Mai, Thailand*  
MS: Kasetsart University, Thailand, 1973  
Major: Biology  
Major Professor: Dr. Donald W. Davis  
Dissertation: Studies of the San Jose Scale, *Quadrastipidiotus perniciosus* (Comstock) (Homoptera: Diaspididae) and its *Aphytis* nr. *vandenboschi* deBach and Rosen (Hymenoptera: Aphelinidae) Parasite in Northern Utah

**Werner, Martin Dean**

*Rochester, Pennsylvania*  
MS: Utah State University, 1980  
Major: Engineering  
Major Professor: Dr. V. Dean Adams  
Dissertation: Responses of Freshwater Ecosystems to Crude Oil Impaction

**Whitaker, Paul**

*Rochester, Minnesota*  
MA: Western Michigan University, 1967  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Arthur W. Mahoney  
Dissertation: Efficiency of Converting Iron into Hemoglobin as an Assay for Evaluating Iron Bioavailability

**Wingert, John L.**

*Honolulu, Hawaii*  
MS: University of Wisconsin, 1975  
Major: Psychology  
Major Professor: Dr. Marvin G. Fifield  
Dissertation: Inhalant Use Among Native American Adolescents: A Comparison of Users and Nonusers at Intermountain Intertribal School

**Wittwer, Carl T.**

*East Lansing, Michigan*  
BS: Utah State University, 1977  
Major: Biochemistry  
Major Professor: Dr. R. Gaurth Hansen  
Dissertation: Assay, Purification, and Characterization of a Pantetheine Hydrolyzing Enzyme from Pig Kidney

## Doctor of Education

**Bruwelheide, L. Janis H.**

*Bozeman, Montana*  
MS: Florida State University, 1973  
Major: Curriculum Development and Supervision  
Major Professor: Dr. R. Kent Wood  
Dissertation: A Needs Assessment to Determine Computer Literacy Educational Goals in Montana

**De Ayora, Michael R.**

*Merced, California*  
MS: Miami University, Ohio 1973  
Major: Curriculum Development and Supervision  
Major Professor: Dr. William A. Stull  
Dissertation: The Benefits to Faculty of Involvement in Cooperative Education in Institutions of Higher Education in the United States

**Garrett, Sylvia Workman**

*Goshen, Ohio*  
MEd: University of Washington, 1977  
Major: Curriculum Development and Supervision  
Major Professor: Dr. Donald R. Daus  
Dissertation: The Effects of Varying Formats of Energy Education Inservice on Elementary Teachers' Attitudes Toward and Knowledge of Energy Related Issues and the Impact on Intermediate Level Students

**Hammad, Hala Jamal**

*Jerusalem, Palestine, Jordan*  
MS: Utah State University, 1976  
Major: Curriculum Development and Supervision  
Major Professor: Dr. D. Jean Pugmire  
Dissertation: Child-rearing Attitudes and Practices of Jordanian Mothers of Four-year-old Preschoolers in Amman

**Major, Cherie R.**

*Cheyenne, Wyoming*  
MA: University of Wyoming, 1977  
Major: Curriculum Development and Supervision  
Major Professor: Dr. Izar A. Martinez  
Dissertation: The Effects of the Organizational Structure of Middle School and Junior High School on Teacher Attitudes, Student Attitudes, and Student Self-concept

**McCulley, George Allen**

*Milford, Utah*  
MEd: Utah State University, 1978  
Major: Curriculum Development and Supervision  
Major Professors: Dr. James P. Shaver, Dr. William J. Strong  
Dissertation: Writing Quality, Coherence, and Cohesion

**Rentschler, Jeanette W.**

*Margate, New Jersey*  
MS: University of Pennsylvania, 1945  
Major: Curriculum Development and Supervision  
Major Professor: Dr. Lloyd W. Bartholome  
Dissertation: The Role of Educational Secretaries Employed by Principals and Superintendents in New Jersey Elementary and Secondary Schools with Curriculum Implications for Postsecondary Training Programs

**Riley, James Howard**

*Lompoc, California*  
MS: Chapman College, 1972  
Major: Curriculum Development and Supervision  
Major Professor: Dr. Terrance E. Hatch  
Dissertation: The Relationships Between Physical Estimation, Physical Performance, and Self-concept for Sixth Grade Boys and Girls

**Shepley, Richard Allen**

*Ridgecrest, California*  
MA: Brigham Young University, 1976  
Major: Curriculum Development and Supervision  
Major Professor: Dr. Ross R. Allen  
Dissertation: Predicting Success in College Mathematics from High School Mathematics Preparation

**Williams, Douglas G.**

*Smithfield, Utah*  
MA: Brigham Young University, 1970  
Major: Curriculum Development and Supervision  
Major Professor: Dr. R. Kent Wood  
Dissertation: The Effect of Certain Teacher Variables Upon Secondary Teacher Competencies as Measured by Student Ratings

## Education Specialists

**Lowry, William Harlan**

*Sebago, Maine*  
MEd: Utah State University, 1981  
Major: Instructional Technology  
Major Professor: Dr. J. Nicholls Eastmond, Jr.

**Madalla, Amos Nazael**

*Singida, Tanzania*  
MS: Leningrad State University, USSR, 1970  
Major: Instructional Technology  
Major Professor: Dr. Don C. Smellie

**Watt, Nephi Chad**

*Pingree, Idaho*  
MFA: Utah State University, 1979  
Major: Instructional Technology  
Major Professor: Professor Duane E. Hedin

## Master of Accounting

**Anderson, Alan C.**

*Burley, Idaho*  
BS: Brigham Young University, 1981

**Burr, Tracy Lee**

*Salina, Utah*  
BS: University of Utah, 1981

**Chang, Young Hang**

*Pretoria, South Africa*  
PhD: Claremont Graduate School, 1968

**Chu, Lie-Hwa**

*Taipei, Taiwan, ROC*  
BS: Soochow University, 1975

**Frei, Michael Kim**

*Santa Clara, Utah*  
BS: Southern Utah State College, 1972

**Gwaza, MacDonald S.**

*Kasunga, Malawi*  
BS: Utah State University, 1982

**Harawa, Daniel Mwarabo**

*Rumphi, Malawi*  
2nd BS: Utah State University, 1983

**Huston, James I.**

*Mendon, Utah*  
BS: Utah State University, 1982

**Koch, Tad Arden**

*North Ogden, Utah*  
BS: Utah State University, 1980

**Lin, Jincherng**

*Taichung, Taiwan, ROC*  
BC: Fung-Chia College, 1979

Lin, Shyh-Laang

Taoyuan, Taiwan, ROC  
BS: National Chengchi University, 1978

Macey, Paula Kay

Logan, Utah  
BS: Utah State University, 1980

Musukwa, Danfore Kasote

Blantyre, Malawi  
2nd BS: Utah State University, 1982

Ngwira, Luckson Aubrey

Karonga, Malawi  
BS: Utah State University, 1982

Pryor, Glen Evan

Cedar City, Utah  
BS: Southern Utah State College, 1971

Stone, Bart F.

Salt Lake City, Utah  
BS: University of Utah, 1981

Sung, Wei-Kang

Taipei, Taiwan, ROC  
BS: National Chengchi University, 1978

Taylor, Clifford Bryce

Bountiful, Utah  
BS: Utah State University, 1982

Wang, Wan-Fa

Tainan, Taiwan, ROC  
BS: Utah State University, 1982

## Master of Agricultural Industries

Hernandez, C. Tomas Eustoquio

Caracas, Venezuela  
BS: Utah State University, 1981

## Master of Arts

Blake, Nikki Noyes

Granada Hills, California  
BA: Brigham Young University, 1978  
Major: English  
Major Professor: Dr. William E. Smith  
Thesis: Plan B

Conrad, Timothy Ray

Brigham City, Utah  
BA: Utah State University, 1976  
Major: English  
Major Professor: Dr. Karl J. Krahnke  
Thesis: Repair/Correction in the Conversational Interaction of Native and Nonnative English Speakers

Crapo, Irma C.

Logan, Utah  
BS: Utah State University, 1979  
Major: Sociology  
Major Professor: Dr. William F. Stinner  
Thesis: Marital Dissolution and Migration Propensity Among White American Men in Middle and Later Life

Gordon, Thomas J.

Los Angeles, California  
BA: Utah State University, 1981  
Major: American Studies  
Major Professor: Dr. John A. Scherting  
Thesis: Joaquin Murieta: Fact, Fiction, and Folklore

Hong, Sung Young

Jeonju, Korea  
BS: Southern Utah State College, 1978  
Major: Sociology  
Major Professor: Dr. Brian L. Pitcher  
Thesis: Locus of Control and Life Satisfaction

MacIsaac, Steven D.

Portage, Michigan  
BS: Utah State University, 1980  
Major: Political Science  
Major Professor: Dr. Phillip S. Spoerry  
Thesis: The Taiping Rebellion: A Study in Social Revolution

MacKay, Stephanie Katharyne

Boise, Idaho  
BA: Westminster College, 1979  
Major: English  
Major Professor: Dr. Reed C. Stock  
Thesis: Plan B

Parker, Virginia Carlson

Logan, Utah  
BLS: University of California, Berkeley, 1948  
Major: American Studies  
Major Professor: Professor Thomas J. Lyon  
Thesis: Mary Austin's Encounter with the Land of Little Rain

Schmitt, Christine Marie

Stockton, California  
BS: University of California, Santa Barbara, 1979  
Major: Communicative Disorders  
Major Professor: Dr. Jay R. Jensen  
Thesis: Indochinese Refugees as Speakers of English: A Study of Phonemic Capacity

Thatcher, Elaine

Logan, Utah  
BS: Colorado State University, 1973  
Major: American Studies  
Major Professor: Dr. William A. Wilson  
Thesis: Nineteenth Century Cache Valley Folk Furniture: A Study of Form and Function

Watanabe, Chikako

Thomakomai, Hokkaido, Japan  
BS: Utah State University, 1981  
Major: American Studies  
Major Professor: Dr. R. Edward Glatfelter  
Thesis: The Life of William Smith Clark and His Contributions to Hokkaido, Japan

Yoshizawa, Toyoko Sekine

Omiya, Saitama, Japan  
BS: Nihon University, 1974  
Major: Communication  
Major Professor: Dr. Harold J. Kinzer  
Thesis: Perceptions of Cross Cultural Differences Between Americans and Japanese

## Master of Business Administration

Alberts, Kurt Eugene

Ogden, Utah  
BS: Weber State College, 1972

Allen, Jeff J.

Salt Lake City, Utah  
BS: Weber State College, 1982

Allred, Kathryn

Mt. Pleasant, Utah  
BS: Brigham Young University, 1978

Babbel, Michael Welker

Twin Falls, Idaho  
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Baird, Richard James

Hunter, Utah  
BS: Brigham Young University, 1979

Bangerter, Vyril Clinton

West Valley City, Utah  
BS: Brigham Young University, 1981

Boyum, Gerald J.

Peterson, Minnesota  
BS: Winona State University, 1962

Call, Steven W.

Brigham City, Utah  
BA: Utah State University, 1977

Carter, Duane Terry

Salt Lake City, Utah  
BS: Brigham Young University, 1981

Chan, Dennie (Wai-Ho)

Hong Kong  
BA: University of Manitoba, 1980

Christensen, Eric Dean

Kaysville, Utah  
BS: Utah State University, 1982

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Santa Paula, California  
BS: Brigham Young University, 1982

Cook, Carl Bert

Ogden, Utah  
BA: Weber State College, 1981

Diehl, D. Richard

Kaysville, Utah  
BS: Brigham Young University, 1975

Fjeldsted, David Russell

Logan, Utah  
BS: University of Utah, 1981

Gardner, DeLoy J.

Hyde Park, Utah  
BS: Utah State University, 1981

Gibson, Creigh Cox

Miami, Florida  
BS: University of Utah, 1981

Goodall, Casey J.

Santaquin, Utah  
BS: Utah State University, 1980

Goodman, Isabel E.

Tenafly, New Jersey  
BS: Utah State University, 1982

Greene, Robert Michael

Brigham City, Utah  
MS: Air Force Institute of Technology, 1964

Hodgdon, Bruce Dean  
*Los Gatos, California*  
BS: Idaho State University, 1978

Houmand, Craig D.  
*Sandy, Utah*  
BS: University of Utah, 1978

Johnson, Bruce Wilson  
*Salt Lake City, Utah*  
BA: University of Utah, 1981

Johnson, Reba Luke  
*Thomasville, Georgia*  
BS: Valdosta State College, 1970

Kinney, Karol Lynn  
*Los Angeles, California*  
BA: Brigham Young University, 1976

Kline, Danny Ray  
*Idaho Falls, Idaho*  
BS: Utah State University, 1975

Loh (Yen), Pao-Li  
*Taipei, Taiwan, ROC*  
BS: National Chung-Kung University, 1978

Lundberg, Gary Lynn  
*Hyrum, Utah*  
BS: Utah State University, 1982

Luzzader, Wayne Richard  
*Ithaca, New York*  
BS: Brigham Young University, 1982

Morrison, Ralph E.  
*Salt Lake City, Utah*  
BS: University of Utah, 1981

Noble, Gary Michael  
*Layton, Utah*  
BS: Brigham Young University, 1977

North, James Brent  
*Salt Lake City, Utah*  
BS: Utah State University, 1981

Pierce, Monte Angus  
*Aberdeen, Idaho*  
BS: Brigham Young University, 1981

Rasmussen, Derk "G"  
*Bountiful, Utah*  
BS: University of Utah, 1981

Roth, Thomas Ralph  
*Aberdeen, South Dakota*  
BS: South Dakota State University, 1969

Schimmelpfennig, Madeline Quist  
*Logan, Utah*  
BS: Utah State University, 1981

Shetty, Shantaram Narayan  
*Bombay, India*  
BE: Victoria Jubilee Technical Institute, 1979

Smith, Robert Carlquist  
*Salt Lake City, Utah*  
BS: University of Utah, 1980

Smith, Terry James  
*Junction City, California*  
BS: University of California, Berkeley, 1966

Stoker, Theron Lynn  
*Logan, Utah*  
BS: Utah State University, 1981

Webster, Jan Kristen  
*Salt Lake City, Utah*  
BS: University of Utah, 1979

Young, Robert Scott  
*Salt Lake City, Utah*  
BS: Brigham Young University, 1977

Yu, Pik King  
*Hong Kong*  
BS: Brigham Young University, 1978

## Master of Education

Adams, Jean P.  
*Cedar City, Utah*  
BS: Southern Utah State College, 1969  
Major: Secondary Education  
Major Professor: Dr. Terrance E. Hatch

Allen, Deann Isbell  
*Richfield, Utah*  
BS: Utah State University, 1975  
Major: Elementary Education  
Major Professor: Dr. Donald R. Daus

Ashcroft, Kyle Merlyn  
*Hyde Park, Utah*  
BS: Utah State University, 1978  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson

Bankhead, Patricia Ann  
*Providence, Utah*  
BS: Utah State University, 1973  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Barker, Elisabeth Louise  
*Cedar City, Utah*  
BA: Weber State College, 1974  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Bauer, Brenton Merrill  
*Sandy, Utah*  
BS: Brigham Young University, 1970  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson

Bell, Deborah Lou  
*Richmond, Utah*  
BS: Brigham Young University, 1975  
Major: Elementary Education  
Major Professor: Dr. L. Gail Johnson

Bergquist, Keith E.  
*Roosevelt, Utah*  
BS: Utah State University, 1974  
Major: Secondary Education  
Major Professor: Dr. Ross R. Allen

Binford, Anne Myles  
*North Logan, Utah*  
BA: Highlands University of New Mexico, 1956  
Major: Secondary Education  
Major Professor: Dr. David E. Wolfe

Bingham, William L.  
*Deweyville, Utah*  
BS: Brigham Young University, 1971  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder

Blanton, Marilyn B.  
*Parowan, Utah*  
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Major: Secondary Education  
Major Professor: Dr. Terrance E. Hatch

Cook, Beverly W.  
*Salt Lake City, Utah*  
BS: University of Utah, 1965  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Coombs, Carol Hood  
*Monroe, Utah*  
BS: Utah State University, 1960  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Cowan, Bill E.  
*West Valley City, Utah*  
BS: Brigham Young University, 1956  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Crawford, Patsy Rene Burdick  
*Salt Lake City, Utah*  
BA: Brigham Young University, 1953  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Cronkite, Thomas L.  
*Presque Isle, Maine*  
BS: University of Southern Maine, 1980  
Major: Instructional Technology  
Major Professor: Dr. Don C. Smellie

Cusick, Dennis C.  
*Bear River, Utah*  
BA: California State University, Los Angeles, 1967  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder

Eddington, Darrell Murri  
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BS: Utah State University, 1979  
Major: Secondary Education  
Major Professor: Dr. Richard S. Knight

Facer, Anne Patterson  
*Roy Utah*  
BS: Valdosta State College, 1951  
Major: Elementary Education  
Major Professor: Dr. E. Malcom Allred

Ferguson, Ronald D.  
*Monroe, Utah*  
BS: Brigham Young University, 1963  
Major: Secondary Education  
Major Professor: Dr. Terrance E. Hatch

Fonnesbeck, Yvonne W.  
*Smithfield, Utah*  
BS: Utah State University, 1971  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

Galluccio, Frank Michael  
*West Keansburg, New Jersey*  
BS: Utah State University, 1980  
Major: Instructional Technology  
Major Professor: Dr. J. Steven Soulier

Gardner, Barbara O.  
*West Jordan, Utah*  
BS: University of Utah, 1950  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson



**Garner, Genean Louise**  
*Denver, Colorado*  
BS: Utah State University, 1982  
Major: Special Education  
Major Professor: Dr. K. Richard Young

**Gilbert, JoAnn Cowan**  
*Vernal, Utah*  
BA: Brigham Young University, 1969  
Major: Secondary Education  
Major Professor: Dr. Richard S. Knight

**Godfrey, Metta Erickson**  
*Clearfield, Utah*  
BS: Utah State University, 1965  
Major: Elementary Education  
Major Professor: Professor Evelyn L. Wiggins

**Goldsberry, Alma Reid**  
*Brigham City, Utah*  
BS: Utah State University, 1964  
Major: Health Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder

**Green, Richard E.**  
*Tremonton, Utah*  
BS: Utah State University, 1960  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder

**Greene, Scott Huish**  
*Ogden, Utah*  
BS: Minot State College, 1980  
Major: Secondary Education  
Major Professor: Dr. Richard S. Knight

**Greenhalgh, Steven Ted**  
*Cedar City, Utah*  
BA: Southern Utah State College, 1980  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

**Haddock, Kent M.**  
*Bloomington, Idaho*  
BS: Utah State University, 1975  
Major: Instructional Technology  
Major Professor: Professor Duane E. Hedin

**Hall, Una B.**  
*Kearns, Utah*  
BS: Brigham Young University, 1972  
Major: Elementary Education  
Major Professor: Dr. L. Gail Johnson

**Hansen, Randall D.**  
*Ivins, Utah*  
BS: Weber State College, 1975  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

**Hansen, Todd Riggs**  
*Nibbley, Utah*  
BS: Utah State University, 1967  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

**Hardin, John Wesley**  
*Twin Falls, Idaho*  
BA: Idaho State University, 1975  
Major: Instructional Technology  
Major Professor: Dr. Robert S. Russon

**Hilton, Randy Glazier**  
*South Weber, Utah*  
BS: Utah State University, 1974  
Major: Secondary Education  
Major Professor: Dr. Walter L. Saunders

**Houtz, Randy L.**  
*Orem, Utah*  
BM: Utah State University, 1976  
Major: Secondary Education  
Major Professor: Dr. Alvin Wardle

**Huff, Glenna Hanson**  
*Vernal, Utah*  
BS: Utah State University, 1969  
Major: Elementary Education  
Major Professor: Dr. Bryce E. Adkins

**Jacobson, Richard S.**  
*Vernal, Utah*  
BS: University of Utah, 1963  
Major: Secondary Education  
Major Professor: Dr. Ross R. Allen

**Johnson, Bradford S.**  
*Smoot, Wyoming*  
BS: Utah State University, 1976  
Major: Secondary Education  
Major Professor: Dr. Walter L. Saunders

**Jones, Sheila L.**  
*Newark, Ohio*  
BS: Ohio State University, 1973  
Major: Instructional Technology  
Major Professor: Dr. Brenda Branyan-Broadbent

**Juber, Gene A.**  
*Brigham City, Utah*  
BS: Utah State University, 1967  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Dale O. Nelson

**Kennington, Kevan J.**  
*Afton, Wyoming*  
BS: Utah State University, 1981  
Major: Secondary Education  
Major Professor: Dr. Ross R. Allen

**Kinner, Lynn Allen**  
*Pittsford, Vermont*  
BS: Salem State College, 1973  
Major: Secondary Education  
Major Professor: Dr. H. Robert Stocker

**Landis, Michael Carl**  
*Holland, Michigan*  
BS: University of Wisconsin, Stevens Point, 1977  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Dale O. Nelson

**Larkin, James Conrad**  
*Hurricane, Utah*  
BS: Southern Utah State College, 1972  
Major: Secondary Education  
Major Professor: Dr. Terrance E. Hatch

**Leggett, Steven J.**  
*Brigham City, Utah*  
BS: Utah State University, 1977  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder

**Lloyd, Gregory Kay**  
*Salt Lake City, Utah*  
BA: University of Utah, 1980  
Major: Elementary Education  
Major Professor: Dr. L. Gail Johnson

**Madsen, Shirley R.**  
*Salt Lake City, Utah*  
BS: University of Utah, 1971  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson

**Mathews, Nancy Nortz**  
*Salt Lake City, Utah*  
BS: University of Utah, 1967  
Major: Secondary Education  
Major Professor: Dr. Richard S. Knight

**Matthews, Charlene Krom**  
*Toquerville, Utah*  
BA: California State University at Los Angeles, 1966  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

**Melessa, Steven Anthony**  
*Washington, Utah*  
BA: Southern Utah State College, 1978  
Major: Secondary Education  
Major Professor: Dr. Terrance E. Hatch

**Miller, Valerie Hawkins**  
*Milton-Freewater, Oregon*  
BS: Utah State University, 1977  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

**Monson, Bruce Hall**  
*Elwood, Utah*  
BS: Utah State University, 1979  
Major: Secondary Education  
Major Professor: Dr. Richard S. Knight

**Morgan, Alan R.**  
*Sandy, Utah*  
BS: Utah State University, 1982  
Major: Instructional Technology  
Major Professor: Professor Duane E. Hedin

**Morrill, Tanya Deanne**  
*Monroe, Utah*  
BS: Southern Utah State College, 1970  
Major: Elementary Education  
Major Professor: Dr. Arthur D. Jackson

**Morrison, Martha Sue**  
*Logan, Utah*  
BS: Brigham Young University, 1974  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson

**McAllister, Brian E.**  
*St. George, Utah*  
BA: Weber State College, 1976  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Dale O. Nelson

**McCracken, Carolyn Rae**  
*Cedar City, Utah*  
BA: Graceland College, 1964  
Major: Secondary Education  
Major Professor: Dr. Arthur D. Jackson

**Noble, Nan Woodward**  
*Terre Haute, Indiana*  
BS: Utah State University, 1980  
Major: Elementary Education  
Major Professor: Dr. Jay A. Monson

**Olsen, Wade "L"**  
*Vernal, Utah*  
BA: Brigham Young University, 1973  
Major: Instructional Technology  
Major Professor: Professor Duane E. Hedin

**Peterson, Gordon O.**  
*Brigham City, Utah*  
BS: Utah State University, 1960  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder



**Pezeshki, Aghdas**

*San Diego, California*  
 BS: Westminster College, 1971  
 Major: Special Education  
 Major Professor: Dr. Phyllis R. Publicover

**Phillips, Roger Dean**

*Lewiston, Utah*  
 BSE: Emporia State University, 1975  
 Major: Elementary Education  
 Major Professor: Dr. Jay A. Monson

**Pilkington, Elaine Parkinson**

*Wellsville, Utah*  
 BA: Utah State University, 1975  
 Major: Secondary Education  
 Major Professor: Dr. Terrance E. Hatch

**Pottorff, Gregory Thatcher**

*Hotchkiss, Colorado*  
 BA: Western State College, 1975  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Richard D. Gordin, Jr.

**Powell, Roma Nordell**

*Huntington, Utah*  
 BS: Utah State University, 1975  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

**Proctor, Scot Facer**

*Rolla, Missouri*  
 BA: Brigham Young University, 1981  
 Major: Instructional Technology  
 Major Professor: Dr. Don C. Smellie

**Profaizer, Josephine E.**

*Rock Springs, Wyoming*  
 BA: University of Wyoming, 1973  
 Major: Elementary Education  
 Major Professor: Dr. L. Gail Johnson

**Ray, Dennis S.**

*Hyde Park, Utah*  
 BA: Brigham Young University, 1974  
 Major: Instructional Technology  
 Major Professor: Professor Duane E. Hedin

**Rees, Frank L.**

*Brigham City, Utah*  
 BS: Utah State University, 1968  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Lanny J. Nalder

**Reese, Nancy Jean**

*Logan, Utah*  
 BS: Indiana University of Pennsylvania, 1973  
 Major: Special Education  
 Major Professor: Dr. K. Richard Young

**Reid, Bonita E.**

*Fayette, Missouri*  
 AB: University of Missouri, Columbia, 1970  
 Major: Instructional Technology  
 Major Professor: Professor Gary S. Poppleton

**Richens, Barbara U.**

*Myton, Utah*  
 BS: Utah State University, 1975  
 Major: Elementary Education  
 Major Professor: Dr. Bernard L. Hayes

**Robinette, Ace Craig**

*Brigham City, Utah*  
 BS: University of Utah, 1977  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Lanny J. Nalder

**Schostak, Susan M.**

*Macedonia, Ohio*  
 BS: Kent State University, 1973  
 Major: Instructional Technology  
 Major Professor: Dr. J. Steven Soulier

**Sharad, Adnan Ghaib**

*Madenat Al-Kahera Baghdad, Iraq*  
 BA: Almustansiriyah University, 1976  
 Major: Special Education  
 Major Professor: Dr. Hyrum S. Henderson

**Shaw, Virginia E.**

*Ogden, Utah*  
 BA: Weber State College, 1977  
 Major: Secondary Education  
 Major Professor: Dr. Kenneth C. Farrer

**Simmons, W. Gerald**

*Tremonton, Utah*  
 BS: University of Utah, 1954  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Lanny J. Nalder

**Snow, Quentin Esca**

*Cleveland, Ohio*  
 BS: Utah State University, 1977  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

**Sommers, Rosette**

*Ogden, Utah*  
 BS: Brigham Young University, 1973  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

**Sorensen, Olga Willden**

*West Jordan, Utah*  
 BS: Brigham Young University, 1972  
 Major: Elementary Education  
 Major Professor: Dr. Jay A. Monson

**Steele, Glenda Faye**

*Mexican Hat, Utah*  
 BS: Brigham Young University, 1974  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

**Stimpson, Wanda B.**

*Heyburn, Idaho*  
 BA: Idaho State University, 1975  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

**Taylor, Cleo Carson**

*Salt Lake City, Utah*  
 BS: Utah State University, 1977  
 Major: Elementary Education  
 Major Professor: Dr. Bernard L. Hayes

**Timothy, Ann W.**

*Salt Lake City, Utah*  
 BA: Brigham Young University, 1953  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

**Titus, Sherry Michelle**

*Clearfield, Utah*  
 BS: Utah State University, 1981  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Dale O. Nelson

**Vandenberg, Richard Melzer**

*Roy, Utah*  
 BS: Weber State College, 1977  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

**Veater, Georgia L.**

*Sandy, Utah*  
 BS: University of Utah, 1970  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

**Veilleux, Rene Gerard**

*Jackman, Maine*  
 BS: University of Southern Maine, 1980  
 Major: Instructional Technology  
 Major Professor: Dr. Don C. Smellie

**Villegas, Daniel Rik**

*Malad City, Idaho*  
 BS: Utah State University, 1981  
 Major: Instructional Technology  
 Major Professor: Dr. R. Kent Wood

**Waldron, Nancy Marie**

*Waterville, Maine*  
 BS: University of Southern Maine, 1981  
 Major: Instructional Technology  
 Major Professor: Dr. Don C. Smellie

**Watts, Faye P.**

*Logan, Utah*  
 BS: Utah State University, 1973  
 Major: Instructional Technology  
 Major Professor: Dr. Brenda Branyan-Broadbent

**Williams, George R.**

*Enterprise, Utah*  
 BS: College of Southern Utah, 1958  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

**Williamson, Naida R.**

*Grantsville, Utah*  
 BA: Brigham Young University, 1967  
 Major: Elementary Education  
 Major Professor: Dr. Jay A. Monson

**Wright, Carol Laurene**

*Brigham City, Utah*  
 BA: Utah State University, 1975  
 Major: Health, Physical Education and Recreation  
 Major Professor: Dr. Lanny J. Nalder

**Wright, Janice Gardiner**

*Salt Lake City, Utah*  
 BS: University of Utah, 1966  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

**Zeleski, Tom W.**

*Parowan, Utah*  
 BS: Southern Utah State College, 1974  
 Major: Elementary Education  
 Major Professor: Dr. Arthur D. Jackson

## Master of Engineering

**Chuang, Gary Ko-Sheng**

*Taipei, Taiwan, ROC*  
 BE: Tamkang University, 1978  
 Major: Engineering  
 Major Professor: Dr. Owen K. Shupe

**Culley, Martin Lamar**

*Logan, Utah*  
 BS: Utah State University, 1980  
 Major: Engineering  
 Major Professor: Dr. Ronald L. Thurgood

### Fahmi, Raida Jahid

*Baghdad, Iraq*  
BS: University of Baghdad, 1976  
Major: Engineering  
Major Professor: Dr. Gene A. Ware

### Mohr, Richard N.

*Salt Lake City, Utah*  
BS: Utah State University, 1979  
Major: Engineering  
Major Professor: Dr. J. Paul Riley

### Pawar, Suresh Shrihari

*Pune, Maharashtra, India*  
BE: University of Poona, 1975  
Major: Engineering  
Major Professor: Dr. Gardiner S. Stiles

### Steck, Randy J.

*Ogden, Utah*  
BS: Weber State College, 1981  
Major: Engineering  
Major Professor: Dr. Ronald L. Thurgood

### Yin, Chin

*Taipei, Taiwan, ROC*  
BE: Tamkang College, 1977  
Major: Engineering  
Major Professor: Dr. Owen K. Shupe

## Master of Fine Arts

### Dressler, Kevin Lyn

*Tacoma, Washington*  
BS: University of Puget Sound, 1979  
Major: Theatre Arts  
Major Professor: Dr. Arthur Y. Smith  
Thesis: Analysis and Evaluation of Selected Projects in Performance and *Once Twice Thrice*, a Children's Theatre Directing Project

### Flannery, Linda Eileen

*Blue Point, Long Island, New York*  
BS: Brigham Young University, 1969  
Major: Art  
Major Professor: Professor Marion R. Hyde  
Thesis: The Industrial Landscape: An Exploration in Color and Design

### Haley, Martha Klein

*Salt Lake City, Utah*  
BA: Midwestern University, 1967  
Major: Art  
Major Professor: Professor Sarah Halpern  
Thesis: Bright Armor

### Jackson, David Warren

*Clinton, Utah*  
BS: Weber State College, 1974  
Major: Art  
Major Professor: Professor Harrison T. Groutage  
Thesis: Illustrative Value Washes in Watercolor and India Ink

### Katakura, Miekko

*Tanashi, Tokyo, Japan*  
BFA: Tokyo University of Arts and Crafts, 1975  
Major: Art  
Major Professor: Professor Sarah Halpern  
Thesis: Line as Movement and Structure

### Masary, Saad Ali H.

*Al-Muzahimiyah, Riyadh, Saudi Arabia*  
BFA: Loretto Heights College, 1980  
Major: Art  
Major Professor: Professor Gaell W. Lindstrom  
Thesis: Saudian Fundamental Architecture and Ornamentation in Abstract Painting and Sculpture

### Miller, Roland Gilman

*Mt. Prospect, Illinois*  
BFA: Utah State University, 1980  
Major: Art  
Major Professor: Professor Craig Law  
Thesis: Applications of Color Theory to the Color Negative Process through Manipulation

### Pearson, Gary Blaine

*Rexburg, Idaho*  
BS: Utah State University, 1976  
Major: Art  
Major Professor: Professor R. T. Clark  
Thesis: Plant Forms

### Songer, Steven Frederick

*Huntsville, Utah*  
BS: Weber State College, 1971  
Major: Art  
Major Professor: Professor Harrison T. Groutage  
Thesis: The Figure in Watercolor

### Talbert, Mark Allen

*Logan, Utah*  
MA: Indiana University of Pennsylvania, 1981  
Major: Art  
Major Professor: Professor Gaell W. Lindstrom  
Thesis: Wheel Thrown Multiple Section Forms

## Master of Forestry

### Roberts, Scott D.

*Long Beach, California*  
BS: Utah State University, 1980  
Major: Forest Management  
Major Professor: Dr. Lawrence S. Davis

### Ryberg, Stephen Munk

*Salt Lake City, Utah*  
BS: Utah State University, 1979  
Major: Forest Management  
Major Professor: Dr. H. Charles Romesburg

## Master of Industrial Education

### Davison, Dennis Allen

*Logan, Utah*  
BS: California Polytechnic State University, 1974  
Major: Industrial Technology and Education  
Major Professor: Dr. Jay C. Hicken

### Potter, Dennis Randall

*Paradise, Utah*  
BS: Utah State University, 1976  
Major: Industrial Technology and Education  
Major Professor: Dr. Neill C. Slack

### Vanausdal, Rickie Jay

*Sandy, Utah*  
BS: Brigham Young University, 1975  
Major: Industrial Technology and Education  
Major Professor: Dr. Neill C. Slack

## Master of Landscape Architecture

### Donaldson, Joseph Jeffrey

*Orinda, California*  
BS: University of California, Berkeley, 1975  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor John K. Nicholson  
Thesis: Plan B

### Gutting, Scott A.

*Ridgewood, New Jersey*  
BS: Northern Arizona University, 1977  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor P. Lawrence Wegkamp  
Thesis: Land Use Regulations and Their Impact on Solar Energy Use

### Harrington, Jennifer Wood

*Salt Lake City, Utah*  
BS: University of Wisconsin, 1970  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor Craig W. Johnson  
Thesis: A Guide to Landscape Design in Salt Lake City's Historic Districts

### Roberts, Eugene (Chris)

*Ventura, California*  
BA: San Diego State University, 1968  
Major: Landscape Architecture and Environmental Planning  
Major Professor: Professor Craig W. Johnson  
Thesis: Planting and Irrigating Hillslopes for Stability Enhancement in the Southern California Coastal Region

## Master of Science

### Abdavi-Azar, Parviz

*Miandoab, Azarbyegan, Iran*  
BS: Utah State University, 1978  
Major: Engineering  
Major Professor: Dr. Vance T. Christiansen  
Thesis: Cylindrical Concrete Tanks

### Achouri, Moujahed

*Feriana, Kasserine, Tunisia*  
BE: Institut Nationale Agronomique, 1979  
Major: Watershed Science  
Major Professor: Dr. Gerald F. Gifford  
Thesis: Spatial and Seasonal Variability of Field Measured Infiltration Rates on Rangelands

### Ackerman, Bruce Bennet

*Rockville, Maryland*  
BS: Massachusetts Institute of Technology, 1975  
Major: Fisheries and Wildlife  
Major Professor: Dr. Frederick G. Lindzey  
Thesis: Cougar Predation and Ecological Energetics in Southern Utah

### Adkins, Dan F.

*Gunnison, Colorado*  
BS: Utah State University, 1982  
Major: Engineering  
Major Professor: Professor J. Derle Thorpe  
Thesis: Durability of Concrete Subjected to Two-directional Freezing

### Ahanonu, Chukwuma Smart

*Umuahia Imo, Nigeria*  
BS: Utah State University, 1979  
Major: Special Education  
Major Professor: Dr. K. Richard Young  
Thesis: Program for Improving the Frequency of Praise Statements by Practicum Students during a Clinical Teaching Experience

### Albert, Randal Lee

*Wisconsin Rapids, Wisconsin*  
BS: University of Wisconsin, Eau Claire, 1978  
Major: Business Education  
Major Professor: Dr. William G. Neal  
Thesis: Attitudes of Bank Managers in Utah Regarding Office Employee Productivity

**Aletraris, Sofoclis Socrates**

*Nicosia, Cyprus*

BS: University of Athens (Greece), 1977

Major: Engineering

Major Professor: Professor Robert K. Stutler

Thesis: Energy Dissipation Parameters for Small Vertical Drop Structures

**Aliya, Chibinga Bumbi**

*Bukavu, Kivu, Zaire*

BS: National University of Zaire, 1972

Major: Agricultural Education

Major Professor: Dr. James L. Bushnell

Thesis: Plan B

**Al-Johny, Awadh M.**

*Medina, Saudi Arabia*

BS: Riyadh University, Riyadh, 1974

Major: Biology

Major Professor: Dr. Emily C. J. Oaks

Thesis: Locomotion of Rock Squirrels (*Spermophilus Variegatus*)

**Allison, Steven J.**

*Indio, California*

BS: California Polytechnic State University, 1981

Major: Engineering

Major Professor: Dr. Robert W. Hill

Thesis: Continuous Water Variable Plot Sprinkling Systems

**Ancalle, Remigio Choque**

*Oruro, Bolivia*

BS: Universidad de San Simon, 1976

Major: Soil Science and Biometeorology

Major Professor: Dr. David W. James

Thesis: P, K, CA, MG, and NA Composition of Alfalfa as Related to Alfalfa Variety and Soil Fertility

**Anderson, Debra Renee**

*Heber, Utah*

BS: Utah State University, 1980

Major: Agricultural Economics

Major Professor: Dr. E. Bruce Godfrey

Thesis: An Economic Analysis of Oil Lease Bonus Payments to Federal, State, and Private Landowners in Utah

**Anderson, Richard Cecil**

*Santa Rosa, California*

BA: Sonoma State University, 1977

Major: Special Education

Major Professor: Dr. Hyrum S. Henderson

Thesis: Descriptive Data on the Cursive Handwriting Performance of Third, Fourth, Fifth, and Sixth Graders

**Ansari, Ali**

*Kermanshah, Iran*

BS: Utah State University, 1980

Major: Agricultural Education

Major Professor: Dr. William F. Farnsworth

Thesis: A Field Demonstration of the Impact of Nitrogen Fertilizers on Barley Yields in Benson, Cache County, Utah, 1981

**Araya, Jaime Eduardo**

*Santiago, Chile*

AgEngr: University of Chile, 1975

Major: Biology

Major Professor: Dr. B. Austin Haws

Thesis: Studies of Selected Predators of Black (*Labops hesperius* Uhler) and *Irbisia brachycera* Uhler) Grass Bugs on Ranges of Utah

**Aston, D. Craig**

*Rupert, Idaho*

BS: Utah State University, 1981

Major: Plant Science

Major Professor: Dr. David R. Walker

Thesis: The Effect of a Southern Slope and Insulated Louvers on Light and Energy Requirements for Greenhouse Crop Production

**Atkins, Riley J.**

*Seattle, Washington*

BS: University of Washington, 1978

Major: Biology

Major Professor: Dr. Mary E. Barkworth

Thesis: A Taxonomic Study of *Leymus ambiguus* and *L. salinae* (Poaceae)

**Babey, George John**

*Stratford, Connecticut*

BS: University of Idaho, 1978

Major: Fisheries and Wildlife

Major Professor: Dr. Charles R. Berry

Thesis: Evaluation of Three Strains of Rainbow Trout Stocked in a Reservoir Where the Ectoparasite *Lernaea cyprinacea* is Endemic

**Barker, Don Wayment**

*Ogden, Utah*

BS: Utah State University, 1982

Major: Engineering

Major Professor: Dr. Winfred O. Carter

Thesis: Plan B

**Barney, Riley J.**

*Rigby, Idaho*

BS: Utah State University, 1978

Major: Communicative Disorders

Major Professor: Dr. Steven H. Viehweg

Thesis: Delivery Systems of Hearing Aids

**Bates, J. William, Jr.**

*Spring Glen, Utah*

BS: Utah State University, 1979

Major: Fisheries and Wildlife

Major Professor: Dr. Gar W. Workman

Thesis: Desert Bighorn Sheep Habitat Utilization in Canyonlands National Park

**Beadleson, Sandra Lee**

*Livermore, California*

BS: University of Utah, 1978

Major: Nutrition and Food Sciences

Major Professor: Dr. Bonita W. Wyse

Thesis: A Nutrition Education Component for Migrant Children Based on the K-6 Nutrient-density Curriculum

**Black, Tamara Lou**

*Addy, Washington*

BS: State University of New York College of Environmental Science and Forestry, 1977

Major: Fisheries and Wildlife

Major Professor: Dr. Ross V. Bulkley

Thesis: Preferred Temperature of Colorado Squawfish (*Ptychocheilus lucius*) and its Relation with Age and Growth Rate

**Boltjes, Connie Lee**

*Pinehurst, Idaho*

BS: Eastern Washington University, 1978

Major: Communicative Disorders

Major Professor: Dr. Jay R. Jensen

Thesis: A Study of Developmental Apraxia of Speech in Thirteen Children

**Borup, M. Brett**

*Sacramento, California*

BS: Humboldt State University, 1980

Major: Engineering

Major Professor: Dr. V. Dean Adams

Thesis: Removal of Suspended Solids from Wastewater Lagoon Effluents by Ultraviolet Light Irradiation Followed by Sedimentation and Values Used in the Wastewater Treatment Plant Design Process

**Brown, James Edward**

*Parowan, Utah*

BS: Utah State University, 1977

Major: Dairy Science

Major Professor: Dr. Clive W. Arave

Thesis: Personality Characteristics of Utah Livestockmen as Related to Livestock Interests

**Bump, Stephen Robert**

*Vancouver, Washington*

BS: Pacific Lutheran University, 1979

Major: Biology Ecology

Major Professor: Dr. Keith L. Dixon

Thesis: Yellow-headed Blackbird Nest Defense: Aggressive Responses to Marsh Wrens

**Burnham, Julia M.**

*Logan, Utah*

BS: Utah State University, 1973

Major: Special Education

Major Professor: Dr. Alan M. Hofmeister

Thesis: Response of Down's Syndrome Children to Selected Sung Instructions Taped from Educational Records and the Same Instructions Taped Verbally

**Burton, Priscilla Woolley**

*Potomac, Maryland*

BS: University of Maryland, 1979

Major: Plant Science

Major Professor: Dr. William F. Campbell

Thesis: Seed Case Studies on *Atriplex Gardneri* (Moq) Dietr.: Bracteole Cell Wall Composition and Enzymatic Degradation

**Buterbaugh, Gary Jay**

*Celina, Ohio*

BS: Utah State University, 1980

Major: Geology

Major Professor: Dr. Peter T. Kolesar

Thesis: Petrology of the Lower Middle Cambrian Langston Formation, North-Central Utah and Southeastern Idaho

**Camacho, Victor M.**

*Panama City, Panama*

BS: Utah State University, 1980

Major: Economics

Major Professor: Dr. H. Craig Petersen

Thesis: Nonthesis

**Cannon, Martha Hibbard**

*Logan, Utah*

BFA: Utah State University, 1974

Major: Home Economics and Consumer Education

Major Professor: Dr. Jane L. McCullough

Thesis: The Restoration of the Lorenzo Hill Hatch House

**Caraballo, Luisa Mary**

*San Tome, Anzoategui, Venezuela*

IngAgronomo: Universidad de Oriente, 1976

Major: Irrigation Science

Major Professor: Dr. Robert W. Hill

Thesis: Water Use and Irrigation Scheduling for Peanuts at Mesa de Guanipa, Venezuela

**Chamem, Ali**

*Tunis, Tunisia*  
BS: Enfi, Morocco, 1979  
Major: Watershed Science  
Major Professor: Dr. George E. Hart, Jr.  
Thesis: Analysis of Soil Water Variability in a Clearcut Forest

**Cheney, Debra Ann**

*Henderson, Nevada*  
BA: Utah State University, 1974  
Major: Special Education  
Major Professor: Dr. K. Richard Young  
Thesis: The Effects of Mediated Social Skills Training on the Social Behavior of Behaviorally Disordered Adolescents

**Chien, Ching-Hua**

*Taipei, Taiwan, ROC*  
BC: Feng Chia College, 1976  
Major: Applied Statistics  
Major Professor: Dr. Ronald V. Canfield  
Thesis: Least Squares Estimation of the Pareto Type I and II Distribution

**Chiu, Mei-Eing**

*Kashsiung, Taiwan, ROC*  
BC: National Chung Hsing University, 1978  
Major: Applied Statistics  
Major Professor: Dr. David White  
Thesis: The Use of Contingency Table Analysis as a Robust Technique for Analysis of Variance

**Christiansen, Dale Allen**

*Tooele, Utah*  
BS: Utah State University, 1982  
Major: Engineering  
Major Professor: Dr. Kay D. Baker  
Thesis: Analysis of an Infrared Radiometer

**Chung, Teresa Wai-Chu**

*Tsuen Wan, Hong Kong*  
BS: Utah State University, 1979  
Major: Computer Science  
Major Professor: Dr. Gregory W. Jones  
Thesis: Plan B

**Clark, Dana D.**

*Pleasant Grove, Utah*  
BS: Brigham Young University, 1981  
Major: Animal Science  
Major Professor: Dr. Warren C. Foote  
Thesis: Endocrine and Physiological Responses of the Female Goat During Three Reproductive Phases

**Clemmons, Samuel Reed**

*Seattle, Washington*  
BS: Utah State University, 1980  
Major: Communicative Disorders  
Major Professor: Dr. Steven H. Viehweg  
Thesis: Nursing Home Staff Knowledge of Hearing Aids

**Coletti, Robert James**

*Salt Lake City, Utah*  
BA: San Jose State University, 1977  
Major: Communications  
Major Professor: Dr. Burrell F. Hansen  
Thesis: An Investigation into the Feasibility of a Low-power Television Station in a Rural Market, Cache Valley, Utah

**Conbere, William**

*Arcata, California*  
BS: Humboldt State University, 1981  
Major: Engineering  
Major Professor: Dr. Roland W. Jeppson  
Thesis: Optimization of Pipe Networks with Time Dependent Demands

**Cook, Kyle Ray**

*Encinitas, California*  
BS: Utah State University, 1980  
Major: Engineering  
Major Professor: Dr. V. Dean Adams  
Thesis: Trihalomethane Compounds and Their Precursors in Salt Lake County, Utah, Water Supplies

**Day, Allyson**

*Draper, Utah*  
BS: Brigham Young University, 1979  
Major: Business Education  
Major Professor: Dr. H. Robert Stocker  
Thesis: Data Processing Competencies Required of Alta and Brighton High Schools' Students in Utah Cooperative Vocational Business Programs

**Denton, Guy Wayne**

*Sterling, Utah*  
BS: Utah State University, 1978  
Major: Agricultural Education  
Major Professor: Dr. Gilbert A. Long  
Thesis: Occupational Status and Program-related Views of the 1977 Graduates of Vocational Agriculture in Utah High Schools

**Dirar, Abbas Eltayeb**

*Karma, Northern Sudan*  
BS: University of Khartoum, 1975  
Major: Range Science  
Major Professor: Professor Fred D. Provenza  
Thesis: Use of Fire and 2,4-D to Control Salt Cedar (*Tamarix pentandra*)

**Driscoll, Nancy R.**

*Wethersfield, Connecticut*  
BS: St. Joseph College, 1978  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Deloy G. Hendricks  
Thesis: The Effect of Long-term Storage of Nonfat Dry Milk on Sensory Quality and on the Development of Oxidative Derivatives of Sterols

**Dunham, Kresha Ann**

*Green River, Utah*  
BS: Utah State University, 1979  
Major: Agricultural Education  
Major Professor: Dr. Gilbert A. Long  
Thesis: The Status of Supervised Occupational Experience Programs in Utah Vocational Agriculture Programs

**Edens, Robert H., Jr.**

*Joplin, Missouri*  
BS: Humboldt State University, 1969  
Major: Forest Resources  
Major Professor: Dr. James J. Kennedy  
Thesis: Development of an Interpretive Program at Sand Lake National Wildlife Refuge

**Edwards, Boyd Farrell**

*Logan, Utah*  
BS: Utah State University, 1980  
Major: Physics  
Major Professor: Dr. V. Gordon Lind  
Thesis: Magnetic Flux Ropes of Venus: Evidence for Restrictions on the Electromagnetic Theory of Collisionless Plasmas

**Eisenberg, Talbert Norman**

*Cleveland, Ohio*  
BS: Humboldt State University, 1980  
Major: Engineering  
Major Professor: Dr. E. Joe Middlebrooks  
Thesis: Reverse Osmosis in the Treatment of Drinking Water

**Erlacher, John Cletus**

*Dearborn Heights, Michigan*  
BS: Utah State University, 1976  
Major: Special Education  
Major Professor: Dr. Alan M. Hofmeister  
Thesis: A Comparison of Functional Adult Writing and Elementary Handwriting Curricula

**Essafi, Boubker**

*Oualidia, El Jadida, Morocco*  
d'Engenier: Institute of Agriculture and Veterinary Medicine, Morocco, 1978  
Major: Engineering  
Major Professor: Dr. Wynn R. Walker  
Thesis: A Recursive Volume Balance Model for Continuous and Surge Flow Irrigation

**Eun, Jongwon**

*Seoul, Korea*  
BS: Yonsei University, 1980  
Major: Soil Science and Biometeorology  
Major Professor: Dr. Inge Dirmhirn  
Thesis: A Systematic Method to Correct, Direct, and Diffuse Solar Irradiance Measured with Silicon Cells

**Fairbanks, Paul E.**

*Price, Utah*  
BS: Brigham Young University, 1980  
Major: Geology  
Major Professor: Dr. Peter T. Kolesar  
Thesis: Chemical Changes in Groundwater of Northern Utah Valley, Utah

**Finafrock, Cheryl E.**

*Waynesboro, Pennsylvania*  
BS: Lock Haven State College, 1974  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder  
Thesis: A Comparison of the Effects of Two Selected Dieting Procedures on Resting Metabolic Rate

**Fitzpatrick, Kathy Bridges**

*Turner, Oregon*  
BS: Utah State University, 1973  
Major: Forest Resources  
Major Professor: Dr. Lawrence S. Davis  
Thesis: Plan B

**Flores, Enrique Ricardo**

*Lima, Peru*  
BS: Una La Molina, 1973  
Major: Range Science  
Major Professor: Dr. John C. Malechek  
Thesis: Applying the Concept of Feeding Stations to the Behavior of Cattle Grazing Variable Amounts of Available Forage

**Freeman, Gary Eugene**

*Richfield, Idaho*  
BS: Utah State University, 1978  
Major: Engineering  
Major Professor: Dr. Jack Keller  
Thesis: Effect of Low Pressure Sprinkler Pin Location

**Frohlich, Donald Ralph, III**

*Billings, Montana*  
BS: College of Idaho, 1978  
Major: Biology  
Major Professor: Dr. Robert D. R. Parker  
Thesis: The Biology and Ecology of *Eumegachile (Sayapis) pugnata* (Say) (Hymenoptera: Megachilidae), a Pollinator of Commercial Sunflower



**Galloway, Kent Douglas**

*Hood River, Oregon*

BS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. J. Paul Tullis

Thesis: Reynolds Number Scale Effects When Modelling Pump Intake Vortices

**Ghafourian, Mohammad Ali**

*Tehran, Iran*

BS: Utah State University, 1980

Major: Mathematics

Major Professor: Dr. Robert W. Gunderson

Thesis: Cluster Analysis for Acid Rain in Norway

**Gold, Warren Glenn**

*Richland, Washington*

BS: University of Washington, 1980

Major: Range Ecology

Major Professor: Dr. Martyn M. Caldwell

Thesis: The Interaction of Ultraviolet-B Radiation Stress and Plant Competition in Agricultural Plant Populations

**Grah, Oliver John**

*Orinda, California*

BA: California State University, Chico, 1977

Major: Watershed Science

Major Professor: Dr. Richard H. Hawkins

Thesis: Spatial and Temporal Distribution of Infiltration Rates on a Small Subalpine Watershed

**Green-Barber, Lisa Joan**

*Salem, New York*

BA: Plattsburgh State University, 1980

Major: Communicative Disorders

Major Professor: Dr. James C. Blair

Thesis: Identifying Auditory Perceptual Deficits, Procedures and Tools: A National Survey

**Griffith, Stephen Michael**

*San Francisco, California*

BS: Utah State University, 1980

Major: Plant Science

Major Professor: Dr. William F. Campbell

Thesis: The Effects of SO<sub>2</sub> on N<sub>2</sub> Fixation, Carbon Partitioning, and Yield Components in Snapbean, *Phaseolus vulgaris* L.

**Guinand, Debra O.**

*Sandy, Utah*

BS: Utah State University, 1981

Major: Communications

Major Professor: Dr. Douglas G. Bock

Thesis: The Effects of Rater Communication Apprehension and Empathy on the Evaluation of the Speaker: A Study of Cue Utilization

**Han, Kyun-Tae**

*Seoul, Korea*

BS: Kyung Hee University, 1979

Major: Communication

Major Professor: Dr. David R. Cassady

Thesis: Newspaper Readership Pattern: A Case Study in Cache Valley, Utah

**Hanrahan, Paul A.**

*Grand Rapids, Michigan*

BS: Utah State University, 1980

Major: Communicative Disorders

Major Professor: Dr. James C. Blair

Thesis: Measuring the Career Interests of Mainstreamed Hearing Impaired High School Students

**Hanson, Richard Arthur**

*Munster, Indiana*

BS: Michigan Technological University, 1977

Major: Fisheries and Wildlife

Major Professor: Dr. Vincent A. Lamarra

Thesis: Limnological Studies of Mountain Dell Reservoir, Utah

**Hargreaves, George Leo**

*Logan, Utah*

BS: Colorado State University, 1981

Major: Engineering

Major Professor: Dr. J. Paul Riley

Thesis: Water Requirements and Agricultural Benefits for The Senegal River Basin

**Haugen, Robert Neil**

*Los Angeles, California*

BS: California State University, Los Angeles, 1978

Major: Health, Physical Education and Recreation

Major Professor: Dr. Lanny J. Nalder

Thesis: The Comparison of Various Replacement Fluids on the Depletion of Blood Water and Electrolyte Levels During a Marathon Race

**Henderson, Norman Robert**

*Los Altos, California*

BS: San Jose State University, 1973

Major: Forest Resources

Major Professor: Dr. James N. Long

Thesis: A Comparison of Stand Dynamics and Fire History in Two Black Oak Woodlands in Northwestern Indiana

**Henggeler, Joseph Charles**

*Maryville, Missouri*

BA: Immaculate Conception Seminary, 1971

Major: Irrigation Science

Major Professor: Professor Richard E. Griffin

Thesis: A Comprehensive Extension Program for the Introduction of Laser-controlled Land Leveling for Irrigation in Delta, Utah

**Henrie, Michael Lee**

*Panguitch, Utah*

BS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. Edward W. Vendell, Jr.

Thesis: Performance Study of a Groundwater Heat Pump in a Cache Valley Residence

**Heyse, Edward**

*Sumter, South Carolina*

BS: Michigan Technological University, 1980

Major: Engineering

Major Professor: Dr. William J. Grenney

Thesis: Sediment Yield Determination Using Multivariate Analysis

**Hicken, Marianne White**

*Paradise, Utah*

BS: Utah State University, 1980

Major: Family and Human Development

Major Professor: Dr. Gerald R. Adams

Thesis: The Social Transmission of Attractiveness Stereotypes: An Investigation of Parental Expectations of Children's Behavior

**Hilden, H. Gordon**

*Smithfield, Utah*

BA: Chico State College, 1964

Major: Communications

Major Professor: Dr. Burrell F. Hansen

Thesis: Plan B

**Hincks, Jeffrey Robert**

*Grosse Pointe Shores, Michigan*

BS: Michigan State University, 1979

Major: Toxicology

Major Professor: Dr. William A. Brindley

Thesis: Alteration in Serum Enzyme Levels, Activity of Hepatic Monooxygenases, and Hepatocyte Morphology Due to Liver Enzyme Inducers in *Microtus montanus*

**Holden, Mark Andrew**

*Rochester, New York*

BS: State University of New York, Brockport, 1979

Major: Fisheries and Wildlife

Major Professor: Dr. Charles R. Berry

Thesis: Seasonal Availability of Piscine Forage to Largemouth Bass (*Micropterus salmoides*) in Mantua Reservoir, Utah, with Reference to Utah Chub (*Gila atraria*) Introduction

**Holmes, Linda Marie Ballow**

*Ogden, Utah*

BS: Utah State University, 1972

Major: Home Economics and Consumer Education

Major Professor: Professor Marie N. Krueger

Thesis: An Evaluation of Student Learning in Five Different High School Child Development/Parenting Programs

**Horner-Till, Susan**

*Whitmore, California*

BS: University of California, Davis, 1976

Major: Biology Ecology

Major Professor: Dr. Ivan G. Palmblad

Thesis: Experimental Insights on Factors Affecting the Distribution of *Phacelia cookei* Constance and Heckard, A Narrow Endemic

**Howard, Stott Willie**

*Salt Lake City, Utah*

BS: Utah State University, 1980

Major: Plant Science

Major Professor: Dr. John O. Evans

Thesis: Triclopyr as a Control Method for Saltcedar (*Tamarix-Ramosissima*)

**Hsia, Lea**

*Taipei, Taiwan, ROC*

BSCE: National Taiwan University, 1977

Major: Engineering

Major Professor: Dr. W. O. Carter

Thesis: Response of Tier Building to Earthquake Motion

**Hunt, Pamela**

*Salt Lake City, Utah*

BS: Brigham Young University, 1979

Major: Home Economics and Consumer Education

Major Professor: Dr. Jane L. McCullough

Thesis: Time Spent Shopping by 210 Two-parent Two-child Families in Utah

**Hussein, Amel Abdul-Majed**

*Baghdad, Iraq*

BS: Utah State University, 1981

Major: Agricultural Education

Major Professor: Dr. Weldon S. Sleight

Thesis: A Demonstration of the Effects of Basic-H on Corn Production

**Inyang, Enefiok George**

*Uyo, Cross River, Nigeria*

BS: Utah State University, 1980

Major: Agricultural Education

Major Professor: Dr. William F. Farnsworth

Thesis: Plan B



**John, Ila Marlene**

*Portage, Utah*

BS: Utah State University, 1974

Major: Home Economics and Consumer Education

Major Professor: Dr. Carol A. Bocan

Thesis: A Comparison of Life Goals, Attitudes, and Perceptions of Agricultural Majors and Home Economics Majors at Utah State University

**Johnson, Karl Wallace**

*Campbell, California*

BS: Humboldt State University, 1980

Major: Engineering

Major Professor: Dr. V. Dean Adams

Thesis: Reduction of Chlorine Use and THM Formation in Wastewater Disinfection by pH Adjustment Using CO<sub>2</sub>

**Jones, Kathryn Louise**

*East Brighton, Victoria, Australia*

BAS: Lincoln Institute of Health, 1977

Major: Communicative Disorders

Major Professor: Dr. James C. Blair

Thesis: The Role of Educational Audiologists as Viewed by School Administrators, Regular Classroom Teachers, and Speech/Language Pathologists

**Juan, Ya-Sheng**

*Taipei, Taiwan, ROC*

BS: Fu-Jen University, 1974

Major: Biology

Major Professor: Dr. Raymond T. Sanders

Thesis: Effects of Different Salinities on the Metabolic Rate, Mitochondrial Morphology, and Glycogen Content in the Brine Shrimp, *Artemia salina*

**Kaisch, Kenneth Burton**

*Moab, Utah*

MDiv: Church Divinity School, 1976

Major: Psychology

Major Professor: Dr. Elwin C. Nielsen

Thesis: Stages of Contemplative Mysticism: A Description and Taxonomy

**Kartchner, Don Marlo**

*Pleasant Grove, Utah*

BS: University of Utah, 1962

Major: Industrial Technology and Education

Major Professor: Dr. Neill C. Slack

Thesis: Improving Functional Validity of Faculty Evaluations by Using "Selected" Students' Ratings

**Kaveh Ahangar, Abdolmehdy**

*Kerman, Iran*

BS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. Vance T. Christiansen

Thesis: Analysis of Planar Coupled Shear Walls

**Keck, Thomas James**

*Pequannock, New Jersey*

BS: Utah State University, 1979

Major: Soil Science and Biometeorology

Major Professor: Dr. R. J. Wagenet

Thesis: Interactive Effects of Water Salinity and Management on Symbiotic Nitrogen Fixation in Alfalfa

**Khalili, Mohammad**

*Mashhad, Khorassan, Iran*

BS: Utah State University, 1980

Major: Engineering

Major Professor: Dr. Marsha R. Torr

Thesis: Design of an Instrument Command Processor Controller

**Kimball, Patrice Whitney**

*Salt Lake City, Utah*

BA: Brigham Young University, 1975

Major: Home Economics and Consumer Education

Major Professor: Professor Marie N. Krueger

Thesis: Plan B

**King, Wayne Olin**

*Garland, Utah*

BS: Utah State University, 1981

Major: Plant Science

Major Professor: Dr. John O. Evans

Thesis: Effects of Delaying Incorporation on the Herbicidal Activity of Selected Dinitroaniline and Thiocarbamate Herbicides

**Klein, Randal B.**

*Louisville, Kentucky*

BSE: University of Michigan, 1978

Major: Soil Science and Biometeorology

Major Professor: Dr. R. J. Wagenet

Thesis: Description of Water and Solute Movement During the Reclamation of Sodic Material

**Knight, Jeffrey B.**

*Reno, Nevada*

BS: University of Nevada, 1977

Major: Biology

Major Professor: Dr. B. Austin Haws

Thesis: An Initial Survey of the Insects Associated with Five Grassland Sites in Central Utah

**Knighton, Raymond Eugene**

*Millville, Utah*

BS: Utah State University, 1982

Major: Soil Science and Biometeorology

Major Professor: Dr. David W. James

Thesis: Changes in Variability of Soil Test Phosphorus with Land Leveling

**Kress, Michael William**

*Oakland, California*

BS: Humboldt State University, 1980

Major: Watershed Science

Major Professor: Dr. Gerald F. Gifford

Thesis: Fecal Coliform Release from Cattle Fecal Deposits

**Lacey, Brenda Ann**

*Phillips Ranch, California*

BA: University of California, Santa Barbara, 1980

Major: Communicative Disorders

Major Professor: Professor Carol J. Strong

Thesis: Language, Auditory, Perceptual, and Reading Abilities of Children with a History of Chronic Otitis Media

**LaCognata, Arthur John**

*El Segundo, California*

BS: Utah State University, 1980

Major: Sociology

Major Professor: Dr. Michael B. Toney

Thesis: Factors Related to the Migration Preferences of Utah's 1980 High School Seniors

**Lee, Laurie Kennedy**

*Rio, Wisconsin*

BE: University of Wisconsin-Whitewater, 1979

Major: Psychology

Major Professor: Dr. William R. Dobson

Thesis: Social Interaction: The Relationship Between Facial Attractiveness and Verbal Influence Style

**Lee, Teang Shui**

*Kuala Lumpur, Selangor, Malaysia*

BE: University of Canterbury, New Zealand, 1978

Major: Engineering

Major Professor: Dr. Wynn R. Walker

Thesis: Kinematic-Wave Simulation of Furrow Advance and Recession

**Lejarzar, Gary Wayne**

*Fort Worth, Texas*

BS: Texas Wesleyan College, 1981

Major: Health, Physical Education and Recreation

Major Professor: Dr. Richard D. Gordin, Jr.

Thesis: The Effect of Unilateral or Cross-lateral Batting Style on Collegiate Baseball Players' Batting Performance

**Leu, Cheng-Hua**

*Tainan, Taiwan, ROC*

BS: National Taiwan University, 1977

Major: Engineering

Major Professor: Dr. J. Paul Riley

Thesis: Environmental Evaluation in Water Resources Systems

**Leung, Kam-Cheung**

*Hong Kong*

BS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. William L. Jones

Thesis: Computer-aided Analysis of a Feedback Compensated Low-noise Preamplifier Operated at Low Temperature

**LeVere, William Paul**

*Wooster, Ohio*

BS: Utah State University, 1980

Major: Forest Resources

Major Professor: Dr. H. Charles Romesburg

Thesis: An Analysis of the Use of the Stand Progression Model on the Toiyabe National Forest

**Lewis, Jeffrey Peterson**

*Logan, Utah*

BS: Utah State University, 1981

Major: Engineering

Major Professor: Dr. P. Thomas Blotter

Thesis: Structural Vibration Testing Using an Impedance Head/Vibration Generator

**Likins, Marilyn**

*Salt Lake City, Utah*

BS: University of Utah, 1976

Major: Special Education

Major Professor: Dr. Daniel P. Morgan

Thesis: The Effects of Mediated Social Skills Training on the Positive Interactions of Handicapped Elementary Students

**Lindstrom, Thor Edwin**

*Logan, Utah*

BS: Utah State University, 1981

Major: Soil Science and Biometeorology

Major Professor: Dr. David W. James

Thesis: Alfalfa Production and Quality as Influenced by Fertilizer Potassium, Where Soils and Irrigation Waters are Low in Potassium

**Lo, Chein-Cherng**

*Taipei, Taiwan, ROC*

BS: Tamkang College, 1975

Major: Engineering

Major Professor: Dr. Roland W. Jeppson

Thesis: Design of Optimal Water Distribution Systems Including Pressure Reducing Valves (PRVs)

**Loh, Shih-Ping**

*Taipei, Taiwan, ROC*

BS: Utah State University, 1982

Major: Forest Resources

Major Professor: Dr. H. Charles Romesburg

Thesis: Permutation Tests of Two Hypotheses Concerning the Spatial Distribution of Tree Stems

**Loiselle, Louise H.**

*El Paso, Texas*

BS: Trinity University, 1975

Major: Communicative Disorders

Major Professor: Dr. Steven H. Viehweg

Thesis: Auditory Brain Stem Responses in Juvenile Diabetics

**Lok, Waichuen Robin**

*Kowloon, Hong Kong*

BS: Utah State University, 1980

Major: Engineering

Major Professor: Dr. Winfred O. Carter

Thesis: Numerical Method and a Digital Computer Algorithm for Constructing Response Spectra of Earthquake Ground Motion

**Long, Robert Eldon**

*Smithfield, Utah*

BS: Utah State University, 1977

Major: Soil Science and Biometeorology

Major Professor: Dr. Ronald J. Hanks

Thesis: Prediction of Soil Water Depletion and Evapotranspiration When Using Saline Irrigation Water

**Lu, Hui-Sheng**

*Taipei, Taiwan, ROC*

BS: National Chung Hsing University, 1976

Major: Watershed Science

Major Professor: Dr. George E. Hart

Thesis: Plan B

**Luker Deborah Ann**

*Sheboygan Falls, Wisconsin*

BS: University of Wisconsin, Oshkosh, 1978

Major: Communicative Disorders

Major Professor: Dr. James C. Blair

Thesis: The Effects of a Mother's Use of Manual Communication on her Mentally Handicapped Child's Early Pragmatic Language Development

**Luna-Gonzalez, Carlos Adolfo**

*Palmira, Valle, Colombia*

EngAgr: Universidad Nacional de Colombia, 1975

Major: Agricultural Economics

Major Professor: Dr. Jay C. Andersen

Thesis: An Approach to Selection of Variety and Planting Date in Corn Silage Production

**Lungu, Fidelis Borgia**

*Lusaka, Zambia*

BS: Utah State University, 1979

Major: Forest Resources

Major Professor: Dr. James J. Kennedy

Thesis: Plan B

**Malano, Hector Miguel**

*Cordoba, Argentina*

BS: National University of Cordoba, 1973

Major: Irrigation Science

Major Professor: Dr. Wynn R. Walker

Thesis: Comparison of the Infiltration Process Under Continuous and Surge Flow

**Marcos, Anastasios C.**

*Neumouta, Elias, Greece*

BA: Utah State University, 1980

Major: Sociology

Major Professor: Dr. Moshe Hartman

Thesis: Attitudes Toward Capital Punishment from 1972 to 1980 in the United States

**Martin, Daniel Dalton**

*Portland, Oregon*

BS: California Polytechnic State University, 1974

Major: Biology

Major Professor: Dr. Rex S. Spendlove

Thesis: Development of a Microflotation System to Continuously Sample Water for Reovirus Concentration and Detection

**MD Rawi, Che Salmah**

*Bandar Bharu, Kedah, Malaysia*

BS: Iowa State University, 1979

Major: Biology

Major Professor: Dr. Donald W. Davis

Thesis: Plan B

**McManus, William R.**

*Franklin, Michigan*

BS: Michigan State University, 1977

Major: Biology

Major Professor: Dr. Nabil N. Youssef

Thesis: *In vivo* Development of *Ascosphaera aggregata* Skou in the Alfalfa Leafcutting Bee, *Megachile rotundata* (Fabricius): A Light and Electron Microscope Study

**McVicker, Robert Russel**

*Downey, California*

BS: Humboldt State University, 1980

Major: Engineering

Major Professor: Dr. L. Douglas James

Thesis: The Effects of Model Complexity on the Predictive Accuracy of Soil Moisture Accounting Models

**Merkley, Gary Patrick**

*Dixon, California*

BS: California Polytechnic State University, 1981

Major: Engineering

Major Professor: Dr. Wynn R. Walker

Thesis: Semi-graphical Design for Furrow Irrigation Systems Using a Nondimensional Kinematic Wave Model

**Merzougui, Mohamed**

*Rabat, Morocco*

Ingenieurs: Ecole Nationale Forestiere, 1974

Major: Watershed Science

Major Professor: Dr. Gerald F. Gifford

Thesis: The Effect of Instrument Type in Measuring Infiltration Rates on Spatial Variability Patterns

**Mettanant, Orchid**

*Bangkok, Thailand*

BS: Chulalongkorn University, 1979

Major: Nutrition and Food Sciences

Major Professor: Dr. Daren P. Cornforth

Thesis: The Relative Roles of Initial and Residual Sodium Nitrite on Germination of Clostridium Botulinum Spores in Meat

**Miller, Judy Christensen**

*Richfield, Utah*

BA: Southern Utah State College, 1978

Major: Business Education

Major Professor: Dr. Lloyd W. Bartholome

Thesis: Plan B

**Miller, Lyle Ann**

*Bear River, Utah*

BS: Brigham Young University, 1973

Major: Home Economics and Consumer Education

Major Professor: Dr. Carol A. Bocan

Thesis: The Effectiveness of a Self-instructional Training Module for Wool, Wool Blends, and Wool-like Fabrics for Retail Fabric Store Sales Personnel

**Moyer, Laurie Jean**

*Salt Lake City, Utah*

BS: Utah State University, 1978

Major: Nutrition and Food Sciences

Major Professor: Professor Barbara M. Prater

Thesis: Comparison of Growth in Preterm, Low-birth-weight Infants Fed Human Milk Versus Standard Infant Formula from 40-56 Weeks Postconceptional Age

**Nate, Jane Davis**

*Genola, Utah*

BS: Utah State University, 1982

Major: Business Education

Major Professor: Dr. Marianne J. D'Onofrio

Thesis: Computer Literacy Resulting from Use of Microcomputers in Accounting Classes at Sky View High School, Smithfield, Utah

**Neely, Elizabeth Eve**

*Atlanta, Georgia*

BA: Colorado College, 1975

Major: Biology

Major Professor: Dr. Mary E. Barkworth

Thesis: A Comparison of the Vegetation on Soils Derived from Dolomite and Quartzite in the Bear River Range, Utah and Idaho

**Nelson, Charee Glassinger**

*Filer, Idaho*

BS: Utah State University, 1978

Major: Home Economics and Consumer Education

Major Professor: Dr. Janet Winters

Thesis: The Effects of Experience with the Consumer and Home Economics Career Exploration Program on Cognitive Knowledge of Eighth Grade Students

**Norton, Rick Cameron**

*Idaho Falls, Idaho*

BS: Utah State University, 1978

Major: Nutrition and Food Sciences

Major Professor: Dr. Gary H. Richardson

Thesis: Seasonal Variation in the Ability of Milk and Whey to Support Lactic Culture Growth

**Nourian, Mohammad**

*Tehran, Iran*

BS: Faculty of Mass Communication, 1978

Major: Agricultural Economics

Major Professor: Dr. Jay C. Andersen

Thesis: Economics of Bloom Delay and Freeze Protection by Sprinkling for Apple Production in Utah: An Updated Analysis

**Okigbo, Leslie Monagelum**

*Ojoto, Anambra, Nigeria*

BS: University of Nigeria, 1978

Major: Nutrition and Food Sciences

Major Professor: Dr. Gary H. Richardson

Thesis: Variations in the Coagulation Properties of Milk from Individual Cows

**Osborne, Cheryl Rae**

*Littleton, Colorado*

BS: Utah State University, 1980

Major: Health, Physical Education and Recreation

Major Professor: Dr. Dale C. Nelson

Thesis: An Evaluation of the Effectiveness of Anabolic Steroids as Erogenic Aids

**Owens, Cynthia Kay**

*Riverside, California*

BS: University of California Santa Barbara, 1980

Major: Communicative Disorders

Major Professor: Dr. Jay R. Jensen

Thesis: Development of an Objective Intelligibility Test to Use with Children

**Perdomo, Maritza Isabel**

*Tegucigalpa, Honduras*

Licenciado en Ciencias Economicas: Universidad Nacional Autonoma de Honduras, 1974

Major: Agricultural Economics

Major Professor: Dr. Donald L. Snyder

Thesis: Plan B

**Pontius, Deborah Louise**

*St. Louis, Missouri*  
BS: University of California, Santa Barbara, 1981  
Major: Communicative Disorders  
Major Professor: Professor L. Jaclyn Littledike  
Thesis: A Correlational Study between Nasalance and Four Major Variables Related to Hearing Loss

**Prado, E. Oscar Luis**

*Chihuahua, Mexico*  
BS: Universidad Autonoma de Chihuahua, 1974  
Major: Range Science  
Major Professor: Dr. Philip J. Urness  
Thesis: Evaluation of the Early Establishment Phase of *Agropyron desertorum*, *Medicago sativa*, and *Atriplex canescens* in Monoculture and Mixtures

**Pulley, Cynthia Rose Ford**

*Logan, Utah*  
BS: Utah State University, 1980  
Major: Communication  
Major Professor: Dr. David R. Cassidy  
Thesis: Censorship of Utah High School Newspapers by Advisers

**Rawlins, Clem Lewis**

*Boulder, Wyoming*  
BS: Utah State University, 1974  
Major: American Studies  
Major Professor: Dr. Kenneth W. Brewer  
Thesis: Plan B

**Rawlins, J'Lene**

*Lewiston, Utah*  
BS: Utah State University, 1979  
Major: Communicative Disorders  
Major Professor: Dr. Jay R. Jensen  
Thesis: Distinctive Feature Analysis of the Articulation of Dysarthric Speakers

**Rencher, Eileen B.**

*Provo, Utah*  
BS: Brigham Young University, 1965  
Major: Home Economics and Consumer Education  
Major Professor: Professor Marie N. Krueger  
Thesis: The Four and One-half Day School Week: Its Effect upon Teacher Attitude and Morale, Student and Parent Attitude, and Its Economic Implication in Regard to Energy Conservation

**Richardson, Daniel Wayne**

*Winston-Salem, North Carolina*  
BA: Appalachian State University, 1975  
Major: Recreation Resource Management  
Major Professor: Dr. John D. Hunt  
Thesis: Perceptual Images of Six Selected Rocky Mountain Ski Resorts

**Roberts, Bruce Alan**

*Hanford, California*  
BS: California State University, Fresno, 1975  
Major: Plant Science  
Major Professor: Dr. Rulon S. Albrechtsen  
Thesis: Relationship Between Soil Moisture Content and Root Growth of Barley (*Hordeum vulgare* L.)

**Rodriguez G., Salvador Arsenio**

*David, Chiriqui, Panama*  
BS: University of Panama, 1978  
Major: Engineering  
Major Professor: Dr. Roland W. Jeppson  
Thesis: Simulation of Unsteady Debris Flow in Open Channels

**Rogers, Elizabeth Ann**

*Atascadero, California*  
BS: California Polytechnic State College, 1979  
Major: Animal Science  
Major Professor: Dr. M. J. Anderson  
Thesis: Comparative Laboratory Techniques to Measure Grass Cell Wall Composition and Their Subsequent Use in Predicting in Vitro Dry Matter Digestibility

**Rosa, Frank Louis**

*Brooklyn, New York*  
MS: University of Nebraska, Omaha, 1975  
Major: Political Science  
Major Professor: Dr. William L. Furlong  
Thesis: Revolution and the Revolutionary Framework

**Sabermaash, Hayedeh**

*Tehran, Iran*  
BS: Utah State University, 1982  
Major: Communication  
Major Professor: Dr. Harold J. Kinzer  
Thesis: Media Evaluations of Iranian and American Students

**Sawyer, Susan Louise**

*Fullerton, California*  
BA: San Diego State University, 1979  
Major: Psychology  
Major Professor: Dr. Marvin G. Fifield  
Thesis: An Analysis of the Hiskey Nebraska Test of Learning Aptitude for Navajo Children with Suspected Learning Difficulties

**Schulbach, Kurt Frederick**

*Colusa, California*  
BS: Chico State University, 1980  
Major: Irrigation Science  
Major Professor: Dr. Robert W. Hill  
Thesis: Investigations into Improving the Accuracy and Simplifying Calibration of a Neutron Probe

**Shaker, Khalida A.**

*Jalawla, Diala, Iraq*  
BS: University of Basrah, 1976  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Rodney J. Brown  
Thesis: Proteolytic and Milk Clotting Fractions in Various Commercial Milk Clotting Preparations

**Sharp, Steven Jeffrey**

*Logan, Utah*  
BS: Utah State University, 1980  
Major: Political Science  
Major Professor: Dr. Phillip S. Spoerry  
Thesis: Plan B

**Shih, Hwei-Weng**

*Taipei, Taiwan, ROC*  
BS: Tamkang University, 1975  
Major: Applied Statistics  
Major Professor: Dr. David L. Turner  
Thesis: Plan B

**Shin, Dongpil**

*Seoul, Korea*  
BL: Kookmin University, Seoul, 1972  
Major: Computer Science  
Major Professor: Dr. Gregory W. Jones  
Thesis: Program Organization for Data Flow Computers

**Smith, Randall B.**

*Worthington, Ohio*  
BS: Utah State University, 1976  
Major: Fisheries and Wildlife  
Major Professor: Dr. Frederick G. Lindzey  
Thesis: Mule Deer Reproduction and Survival in the LaSal Mountains, Utah

**South, William Darrell**

*Providence, Utah*  
BS: Utah State University, 1961  
Major: Engineering  
Major Professor: Dr. J. Paul Tullis  
Thesis: Hydraulic Study of a Wye Branch

**Squibb, Ronald Cecil**

*Dallas, Texas*  
BS: University of Wisconsin, Madison, 1977  
Major: Fisheries and Wildlife  
Major Professor: Dr. David R. Anderson  
Thesis: The Rut and Pregnancy Rate Within a Northern Utah Elk Herd Under Open Bull Hunting

**Staub, Joel H.**

*Logan, Utah*  
BS: C. W. Post College, 1959  
Major: Recreation Resource Management  
Major Professor: Dr. Kenton B. Downing  
Thesis: Predictors of Corporate Funding for Environmental and Recreational Programs

**Straker, Jonathan Scott**

*Redlands, California*  
BS: University of Redlands, 1979  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Lanny J. Nalder  
Thesis: A Comparison of Endurance Training Programs With and Without the Addition of Interval Training

**Taysom, Conrad Orrin**

*Rockland, Idaho*  
BS: Utah State University, 1981  
Major: Engineering  
Major Professor: Dr. J. Clair Batty  
Thesis: Design, Construction, and Operation of a Salt Gradient Solar Pond

**Teot, Kim Merida-Klemmedson**

*Orinda, California*  
BS: Colorado State University, 1979  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Daren P. Cornforth  
Thesis: An Evaluation of Various Methods of Roasting Whole Turkeys from the Frozen State

**Thalman, Gayleen Wayman**

*Logan, Utah*  
BS: Utah State University, 1982  
Major: Home Economics and Consumer Education  
Major Professor: Dr. Jane L. McCullough  
Thesis: Religious Activity and Time Use of 149 Utah Husbands

**Thorson, Patrick Allen**

*Wausau, Wisconsin*  
BS: University of Wisconsin, 1980  
Major: Soil Science and Biometeorology  
Major Professor: Dr. Gene L. Wooldridge  
Thesis: Airflow Characteristics in the Vicinity of an Isolated Mountain

**Tiffany, Richard Larry**

*Hunter, Utah*  
BS: Utah State University, 1972  
Major: Health, Physical Education and Recreation  
Major Professor: Dr. Craig W. Kelsey  
Thesis: The Effects of Organized Recreation on the Self-concept of Selected Juvenile Delinquents Enrolled at the Adolescent Residential Treatment and Education Center (A.R.T.E.C.) of Salt Lake County, Utah



**Tolman, Kelly Duane**

*Fairview, Wyoming*  
BS: Utah State University, 1980  
Major: Elementary Education  
Major Professor: Dr. L. Gail Johnson  
Thesis: Kindergarten Teachers' Conceptions of Reading

**Twede, Allan Thomas**

*Payson, Utah*  
BS: Brigham Young University, 1977  
Major: Engineering  
Major Professor: Dr. J. Clair Batty  
Thesis: An Experimental Study of Strategies for Suppressing Wind-caused Mixing for Application in Salt Gradient Solar Ponds

**Vahabzadeh, Farzaneh**

*Tehran, Iran*  
BS: National University of Iran, 1974  
Major: Nutrition and Food Sciences  
Major Professor: Dr. Daren P. Cornforth  
Thesis: Evaluation of Heme and Free Iron Binding Agents as Substitutes for Sodium Nitrate in Cured Meat

**Valdes-Gonzalez, Arcadio**

*Monterrey, Nuevo Leon, Mexico*  
BS: University Autonoma de Nuevo Leon, 1973  
Major: Fisheries and Wildlife  
Major Professor: Dr. J. M. Neuhold  
Thesis: Artificial Stimulation of Utah Chub, *Gila atraria* (Girard), Spawning With Notes on Its Early Development

**Van Deventer, Eugene Brian**

*Toms River, New Jersey*  
BA: St. Martins College, 1979  
Major: Political Science  
Major Professor: Dr. Phillip S. Spoerry  
Thesis: Withdrawal of United States Ground Combat Forces from the Republic of Korea

**Vick, Bryan Stuart**

*St. George, Utah*  
BS: Brigham Young University, 1980  
Major: Industrial and Technical Education  
Major Professor: Dr. Jay C. Hicken  
Thesis: A Survey of Industrial Arts Teachers in the State of Utah Concerning Diffusion and Adoption of the Industrial Arts Career Exploration Program

**Voorheis, Howard Temple**

*Everett, Washington*  
BS: Purdue University, 1974  
Major: Engineering  
Major Professor: Dr. Clair L. Wyatt  
Thesis: Development of an Electro-optical Classifier System for Remote Sensing of Deer

**Wang, Duan**

*Taichung, Taiwan, ROC*  
BS: Fu-Jen University, 1976  
Major: Applied Statistics  
Major Professor: Dr. David L. Turner  
Thesis: BSTAT: Basic Statistics Program for Apple II Plus

**Wang, Gwang-Phu Grace**

*Taipei, Taiwan, ROC*  
BS: Chung Tsing University, Taiwan, 1978  
Major: Applied Statistics  
Major Professor: Dr. David L. Turner  
Thesis: Matrix Manipulations on VAX

**Wang, Yei-Chun**

*Ping-Tung, Taiwan, ROC*  
BS: Fu-Jen Catholic University, 1980  
Major: Economics  
Major Professor: Dr. Basudeb Biswas  
Thesis: Nonthesis

**Warner, Charles Walter**

*Colorado Springs, Colorado*  
BA: University of Colorado at Colorado Springs, 1980  
Major: Range Ecology  
Major Professor: Dr. Martyn M. Caldwell  
Thesis: Influence of Photosynthetic Photon Flux Density on UV-B-induced Photoinhibition in Soybean Leaves: Comparison of Preconditioning and Concomitant Light Treatments

**Wiley, Dorothy Geneve Young**

*Provo, Utah*  
BA: Brigham Young University, 1980  
Major: Family and Human Development  
Major Professor: Dr. Jay D. Schvaneveldt  
Thesis: Childhood Experiences in Mormon Polygamous Families at the Turn of the Century

**Williams, N. Wesley**

*Iowa Falls, Iowa*  
BS: Brigham Young University, 1967  
Major: Agricultural Education  
Major Professor: Dr. A. Pat Pruitt  
Thesis: An Evaluation of Gains Made by Utah 4-H Members in Animal Science Skills and Life Skills as a Result of 4-H Participation as Perceived by Members and Parents

**Woffinden, Sharlene**

*Spanish Fork, Utah*  
BS: Brigham Young University, 1980  
Major: Home Economics and Consumer Education  
Major Professor: Dr. Janet Winters  
Thesis: Assessment of Adolescent Female Dropouts of the 4-H Clothing Program in Utah During 1980-81

**Wollenweber, Robert William**

*Westlake Village, California*  
BS: University of California, Santa Barbara, 1980  
Major: Communicative Disorders  
Major Professor: Dr. Steven H. Viehweg  
Thesis: Auditory Brain-stem Response Audiometry in Adults with Diabetes Mellitus

**Zapala, David Allen**

*Anaheim, California*  
BS: California State University, Fullerton, 1980  
Major: Communicative Disorders  
Major Professor: Dr. James C. Blair  
Thesis: A Study of Binaural Abilities in Children with Suspected Auditory Perceptual Disorders

## Master of Social Sciences

**Alder, Lee Jay**

*Logan, Utah*  
BS: Utah State University, 1980  
Major: Interdisciplinary Program  
Major Professor: Dr. Marion T. Bentley  
Thesis: Plan C

**Anderson, Randall Dean**

*West Jordan, Utah*  
BS: Weber State College, 1972  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hibner  
Thesis: Plan C

**Beutler, Kevin L.**

*Hooper, Utah*  
BS: Weber State College, 1979  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**Callahan, Mikeil G.**

*St. George, Utah*  
BS: Southern Utah State College, 1971  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**Chase-Dunn, Teri Hinckley**

*Hyde Park, Utah*  
BA: Utah State University, 1974  
Major: Interdisciplinary Program  
Major Professor: Dr. Marion T. Bentley  
Thesis: Plan B

**Clark, Mitchell G.**

*Salt Lake City, Utah*  
BS: University of Utah, 1974  
Major: Interdisciplinary Program  
Major Professor: Dr. Marion T. Bentley  
Thesis: Plan B

**Clark, Stacie Rae**

*Salt Lake City, Utah*  
BS: University of Utah, 1979  
Major: Interdisciplinary Program  
Major Professor: Dr. Marion T. Bentley  
Thesis: Plan B

**Daengkool, Nittaya**

*Bangkok, Thailand*  
BS: Thanmasat University, 1979  
Major: Interdisciplinary Program  
Major Professor: Dr. Marion T. Bentley  
Thesis: Plan C

**Damron, Alan J.**

*Orem, Utah*  
BS: Brigham Young University, 1976  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hibner  
Thesis: Plan B

**Davis, Brian**

*Ogden, Utah*  
BS: Utah State University, 1979  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**Dhimasombat, Bulsakdi**

*Bangkok, Thailand*  
BS: Chulalongkorn University, 1979  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**Duffy, Marilyn Y.**

*Dayton, Ohio*  
BA: Weber State College, 1978  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hibner  
Thesis: Plan C

**Dunlap, Phyllis Mayer**

*St. George, Utah*  
BS: Murray State University, 1976  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hibner  
Thesis: Plan B

**Fawcett, George Allen**

*Elsinore, Utah*  
BS: Brigham Young University, 1975  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hibner  
Thesis: Plan B

**Fielding, Geraldine Taylor**

*Ogden, Utah*  
BS: Weber State College, 1979  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hiibner  
Thesis: Plan C

**Freeman, Michael K.**

*Logan, Utah*  
BS: Utah State University, 1981  
Major: Interdisciplinary Program  
Major Professor: Dr. Marion T. Bentley  
Thesis: Plan C

**Greiner, Jon Jay**

*Ogden, Utah*  
BS: Weber State College, 1976  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hiibner  
Thesis: Plan C

**Haskell, Larry Jeff**

*El Centro, California*  
BS: Utah State University, 1975  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hiibner  
Thesis: Plan B

**Higbee, Joseph Marvin**

*Orem, Utah*  
BS: Utah State University, 1981  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**Hodges, Terry Lynn**

*Logan, Utah*  
BS: Utah State University, 1973  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**Jenson, Mark Krueger**

*Provo, Utah*  
BS: Utah State University, 1981  
Major: Interdisciplinary Program  
Major Professor: Dr. Gary B. Hansen  
Thesis: Plan B

**Lewis, Brian G.**

*Brigham City, Utah*  
BS: University of Southern California, 1974  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hiibner  
Thesis: Plan C

**Lynton, Suzanne Louise**

*Englewood, Colorado*  
BS: Kansas State University, 1979  
Major: Interdisciplinary Program  
Major Professor: Dr. Marion T. Bentley  
Thesis: Plan B

**Martin, Thomas Frank**

*Ogden, Utah*  
BS: Weber State College, 1973  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**McLellan, Jack Edward**

*Gold Hill, Colorado*  
BA: University of Colorado, 1958  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan B

**Morris, Leanne A.**

*Brigham City, Utah*  
BS: Utah State University, 1971  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hiibner  
Thesis: Plan C

**Nassar, Atef Abdel Aziz**

*Heliopolis, Cairo, Egypt*  
BS: Cairo University, 1957  
Major: Interdisciplinary Program  
Major Professor: Dr. Gary B. Hansen  
Thesis: Plan B

**Oagile, Molebeledi Mophatsi**

*Gaborone, Botswana*  
BS: University of Botswana, 1979  
Major: Interdisciplinary Program  
Major Professor: Dr. Gary B. Hansen  
Thesis: Plan C

**Pace, David Ralph**

*Bicknell, Utah*  
BS: Brigham Young University, 1973  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hiibner  
Thesis: Plan B

**Perdomo, Carlos**

*Tegucigalpa, Honduras*  
BS: Honduras National University, 1977  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**Peterson, Ann Lesa Kirwan**

*Blackfoot, Idaho*  
BS: Utah State University, 1980  
Major: Interdisciplinary Program  
Major Professor: Dr. Calvin W. Hiibner  
Thesis: Plan B

**Reenstjerna, Patricia Rae**

*Ogden, Utah*  
BGS: Weber State College, 1980  
Major: Interdisciplinary Program  
Major Professor: Dr. H. Bruce Bylund  
Thesis: Plan B

**Robinett, Judy Marlene**

*Franklin, Idaho*  
BS: Utah State University, 1977  
Major: Interdisciplinary Program  
Major Professor: Dr. Gary B. Hansen  
Thesis: Plan C

**Smith, Craig Gordon**

*Salt Lake City, Utah*  
BS: Westminster College, 1980  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**Sparks, Marilyn Anderson**

*Bountiful, Utah*  
BS: Brigham Young University, 1975  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan B

**Thompson, Douglas Paul**

*Salt Lake City, Utah*  
BS: Utah State University, 1971  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan C

**Welch, Vedel Brent**

*Murray, Utah*  
BS: Brigham Young University, 1978  
Major: Interdisciplinary Program  
Major Professor: Dr. Marion T. Bentley  
Thesis: Plan B

**Wilcox, Mark A.**

*Roy, Utah*  
BS: Brigham Young University, 1972  
Major: Interdisciplinary Program  
Major Professor: Dr. Ross E. Robson  
Thesis: Plan B





## Utah State Board of Regents

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Mary D. Lunt, Cedar City  
Ernest D. Mariani, Salt Lake City

Neal A. Maxwell, Salt Lake City  
David S. Monson, Salt Lake City  
Robert L. Newey, Ogden  
Wayne Owens, Salt Lake City  
Rex G. Plowman, Lewiston  
Richard S. Southwick, Ogden  
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## Utah State University Institutional Council

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W. Eugene Hansen, Salt Lake City

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Leonard W. McDonald, Bountiful  
Janet Cannon Randall, Logan  
Carlos Smith, Salt Lake City

## Commencement Committee

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S. Jack Loughton  
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Sheridan B. Pew  
W. Burke Rich  
Peyton Smith  
Evan J. Sorenson  
Diana M. Thimmes  
Douglas E. Thompson  
Cynthia Tippetts

## College Graduation Chairmen

Darrell T. Bartholomew, *College of Agriculture*  
William G. Neal, *College of Business*  
Izar A. Martinez, *College of Education*  
Lou Workman, *College of Engineering*  
Frances G. Taylor, *College of Family Life*  
Richard C. Haycock, *College of Humanities, Arts and Social Sciences*  
James N. Long, *College of Natural Resources*  
Daniel Lee Comins, *College of Science*  
Diana M. Thimmes, *School of Graduate Studies*

# Alma Mater Hymn

COMPOSED BY THEODORE M. BURTON

Across the quad at eventide the shadows softly fall,

The tower of Old Main appears and peace rests over  
all.

The lighted "A" upon the hill stands out against the  
blue;

Oh, Alma Mater, Utah State, my heart sings out to  
you.

And through the years as time rolls on and student  
friendships grow,

We'll ne'er forget the joys we had, those days we used  
to know,

Thy mem'ries ever will be new, thy friends be ever  
true.

Oh, Alma Mater, Utah State, my heart sings out to  
you.

*Commencement mural and program sketches by Glen L. Edwards, assistant  
professor, Department of Art.*